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NASD VIEQUES
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FINAL SITE MANAGEMENT PLAN FY 2001-2002 FORMER NASD FACILITY U S NAVAL
AMMUNITION SUPPORT DETACHMENT VIEQUES ISLAND PUERTO RICO
05/01/2002
CH2M HILL

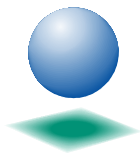
Final

Site Management Plan
FY 2001-2002
Former NASD Facility
U.S. Naval Ammunition Support
Detachment

Prepared for:

Department of the Navy
Atlantic Division
Naval Facilities Engineering Command
Under the
LANTDIV CLEAN II Program
Contract N62470-95-D-6007
Contract Task Order 031

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May 2002

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List of Acronyms

AST	Aboveground storage tank
AOC	Area of Concern
LANTDIV	Atlantic Division, Naval Facilities Engineering Command
BEHP	bis(2-ethylhexyl)phthalate
COC	Chain of Custody
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act of 1980
COPC	Contaminant of concern
DoD	Department of Defense
DOI	Department of Interior
ECOSD	Ecological Comparison Criteria for Sediments
EM	Enlisted Men's Club
EBS	Environmental Baseline Survey
ERM	Environmental Resource Management, Inc.
ESE	Environmental Science and Engineering
EOD	Explosive Ordnance Demolition
FS	Feasibility Study
FOSET	Finding of Suitability for Early Transfer
IRFNA	Inhibited red fuming nitric acid
IAS	Initial Assessment Study
IR	Installation Restoration
IRA	Interim remedial action
MCL	Maximum contaminant level
mg/kg	Milligrams per kilogram
MAF-4	Mixed amine fuels-4
MOV	Municipality of Vieques
NEPA	National Environmental Policy Act
NOAA	National Oceanic and Atmospheric Administration
NPDES	National Pollution Discharge Elimination System
NPL	National Priorities List
NASD	Naval Ammunition Support Detachment
NOSSA	Naval Ordnance Safety and Security Activity
NFADDs	NFA Decision Documents
NFA	No Further Action

OE	Ordnance and Explosives
PCBs	polychlorinated biphenyls
PA	Preliminary Assessment
PRGs	Preliminary Remedial Goals
PRE	Preliminary Risk Evaluation
RFAs	RCRA Facility Assessments
ROD	Record of Decision or Decision Document
PREQB	Puerto Rico Environmental Quality Board
RA	Remedial Action
RI	Remedial Investigation
RPM	Remedial Project Manager
RCRA	Resource Conservation and Recovery Act
RAB	Restoration Advisory Board
SQAG	Sediment Quality Assessment Guidance
SVOCs	Semi-volatile organic compounds
SI	Site Investigation
SMP	Site Management Plan
SWMU	Solid Waste Management Unit
SARA	Superfund Amendments and Reauthorization Act
TRC	Technical Review Committee
FY	Fiscal Year
TPH	Total petroleum hydrocarbon
TSCA	Toxic Substance Control Act
USEPA	U.S. Environmental Protection Agency
NSRR	U.S. Naval Station Roosevelt Roads
UST	Underground storage tank
UXO	Unexploded ordnance
VOC	Volatile organic compound
WWTP	Wastewater treatment plant

SECTION 1

Introduction

This Site Management Plan (SMP) contains a status summary of the Installation Restoration (IR) program for the Former Naval Ammunition Storage Detachment (NASD), Vieques, Puerto Rico (Figure 1-1), and presents a comprehensive strategy for implementing response actions necessary to protect human health and the environment. This SMP was prepared to be used as a management tool by Atlantic Division, Naval Facilities Engineering Command (LANTDIV), U.S. Naval Station Roosevelt Roads (NSRR), U.S. Environmental Protection Agency (USEPA) Region II, Puerto Rico Environmental Quality Board (PREQB), Naval Ordnance Safety and Security Activity (NOSSA), and the U.S. Department of Interior (DOI). The document is a dynamic document that will be updated, at a minimum, on an annual basis to provide the status of the ongoing site investigations and remedial actions that are completed at NASD. Based on the results of the investigations the project schedules may be modified.

This SMP is organized as follows:

- *Section 1* describes the objectives of the IR program, states the purpose of this SMP, describes the Project Team and Technical Review Committee (TRC) formed for NASD, and provides a brief history of the IR program activities conducted at NASD.
- *Section 2* summarizes the current status of the environmental program at the site, and includes discussions of regulatory agency responsibilities and regulations, and summarizes completed IR program activities.
- *Section 3* provides details on screening criteria, summarizes the categorization and prioritization of sites, and discusses future activities at the sites.
- *Section 4* describes the deed restrictions placed on use of the former NASD property as part of its transfer to the Municipality of Vieques.
- *Section 5* presents the SMP schedule, including discussions of partnering and a summary of scheduling assumptions used to develop the proposed schedule.
- *Section 6* provides a list of references cited in this document.

1.1 Environmental Response Objectives

The objectives of the IR program at the former NASD facility are as follows:

- Identify all historical sources of contamination
- Characterize and identify the extent of contamination sufficiently to assess risks to human health and the environment and to develop and implement remedial responses

- Initiate selected interim remedial actions (IRAs) to control, eliminate, or reduce risks and shorten the time necessary to reach a No Further Action (NFA) decision
- Assess risk to human health and the environment
- Develop, screen, and select remedial actions to reduce risk to human health and the environment in a manner consistent with statutory requirements
- Comply with existing statutes and regulations
- Maintain current assessment of environmental conditions of the facility

1.2 Site Management Plan Purpose, Updates, and Distribution

The purpose of the SMP is to summarize and present information on historical restoration accomplishments, current program status, and future restoration strategy, and to present a schedule for environmental restoration at the site.

The SMP is updated annually, and copies are distributed to Project Team and TRC members. Copies are also placed in Information Repositories for public review.

1.3 Project Team and Technical Review Committee

1.3.1 Project Team

The Project Team (CERCLA Technical Team) for the former NASD facility has been established and is led by the LANTDIV Remedial Project Manager (RPM). Other core members include representatives from NSRR, USEPA Region II, PREQB, NOSSA, DOI, and CH2M HILL. Project Team meetings are the primary means of resolving technical/regulatory issues and reaching consensus with regulators. Table 1-1 list the Project Team members, and specifies their roles and responsibilities.

TABLE 1-1
Project Team Members
IR Program for the Former NASD Facility
Vieques, Puerto Rico

Name	Organization	Role/Responsibility
Christopher T. Penny, REM	Navy, LANTDIV	Lead Navy Project Manager
Kevin K. Cole, PE	Navy, LANTDIV	Navy Assistant Project Manager
Madeline Rivera	Navy, NSRR	Navy Project Manager at Roosevelt Roads
Robert Wing	USEPA Region 2	Chief, Federal Facilities
Helen Shannon	USEPA Region 2	USEPA PM
Alida Karas	USEPA Region 2	USEPA PM
Anid Eyvillegas	PREQB	PREQB Project Manager
Marty Clasen, PG	CH2M HILL	Project Manager
John Tomik, PG	CH2M HILL	Activity Manager
Rick Urbanski	NOSSA	UXO Project Manager
Felix Lopez	DOI	Ecologist

1.3.2 Technical Review Committee

The TRC is intended to bring together community members who reflect the diverse interests within the community, enabling early and continued two-way flow of information, concerns, values, and needs between affected community and the facility. TRC members are asked to meet regularly, and review and comment on technical documents and plans relating to ongoing environmental studies and restoration activities at the former NASD facility. Members are expected to serve as liaison with the community and to be available to meet with community members and groups. Technical support staff are available to provide informational support and explanation to TRC members. Table 1-2 lists TRC members and their affiliations.

TABLE 1-2
Technical Review Committee Members
IR Program for the Former NASD Facility
Vieques, Puerto Rico

Name	Organization	Relation
Christopher T. Penny	Navy, LANTDIV	Remedial Project Manager
Madeline Rivera	Navy, NSRR	Environmental Program Manager
Arcinio Corcino Meléndez	Community Member	Vieques Resident
Sharon Grasso	Community Member	Biobay Conservation Group, Vieques Resident
Stacie Notine	Community Member	Union for the Protection of the Environment of Vieques, Vieques Resident
Luis Dávila	Community Member	Vieques Resident
Anid Eyvillegas	PREQB	PREQB Project Manager
Félix López	USFWS	Park Ranger
Robert Wing	USEPA, Region 2	Chief, Federal Facilities

1.4 Status of Community Involvement

To date, the level of community interest in Navy operations on Vieques has been high. This interest peaked in April, 1999 when residents expressed concerns after a misfired bomb killed a civilian security guard on the eastern end of Vieques. Since the incident, several members of the community have voiced concerns regarding Navy operations on Vieques and have protested its presence. Following the protests, President Clinton issued a directive to the Secretary of Defense stipulating that the Navy shall submit legislation to Congress to transfer the NASD on Vieques Island, Puerto Rico (with the exception of approximately 100 acres of land on which the Relocatable Over The Horizon Radar [ROTHR] and Mount Pirata telecommunications sites are located), to the Commonwealth of Puerto Rico. Congress passed legislation on 12 October 2000, instructing the Secretary of the Navy to convey or transfer most of the real property that comprises NASD Vieques to the Municipality of Vieques, the Puerto Rico Conservation Trust, and the Department of Interior no later than 1 May 2001.

The property has since been transferred. The amount of land that was transferred on April 30, 2001 from the NASD Navy property is as follows: DOI (3,100 acres), the Municipality of Vieques (4,000 acres), and the Puerto Rico Conservation Trust (800 acres). Figure 1-2 shows the approximate boundaries and ownership of these properties.

1.4.1 Information Repository

An Information Repository has been established to maintain copies of documents regarding the environmental restoration at NASD and include: approved IR Program reports, fact sheets and community relations reports. The locations of the Information Repositories are provided in Table 1-3.

TABLE 1-3
Public Information Repositories
IR Program for the Former NASD Facility
Vieques, Puerto Rico

Location	Hours	Telephone
Biblioteca Pública Jose Gautier Benitez Calle Baldorioty de Castro Vieques Island, PR 00765	Monday–Friday, 8:00 am–6:00 pm	787-741-3706
Biblioteca Pública Municipal Alejandrina Quiñones Rivera Calle Fco. Gauthier #816 URB. Rossy Valley Ceiba, PR 00735	Monday–Thursday, 8:00 a.m.–12 noon and 1:00–6:00 p.m. Friday, 8:00 a.m.–4:30 p.m.	787-885-0605
Vieques Historic Archives Museo Fuerte Conde de Mirasol Barrio Fuerte, Vieques Island, PR 00765	Wednesday–Sunday, 10:00 a.m.–4:00 p.m.	787-741-4688 or 787-741-1717

1.4.2 Community Relations Plan

The experience resulting from the events discussed above have emphasized the need for an effective Community Relations Plan (CRP), especially as the remedial program begins to shift its focus from study to remediation. A high level of public interest is expected in the future, because of the events described previously and because the public will begin using the former NASD facility now that the transfer of the property from the Navy to the Municipality of Vieques has occurred. The Draft CRP was developed by an environmental public affairs specialist and was submitted in May 2001 to USEPA and PREQB for comment. The final CRP, which addresses USEPA and PREQB comments, will be issued to the CERCLA Technical Team. Copies will also be provided to the Information Repositories.

1.4.3 Restoration Advisory Board

Because a high level of public interest is expected, the TRC eventually will most likely become a Restoration Advisory Board (RAB), in which meetings will be open to the public.

1.5 Brief History of NASD

Vieques Island lies roughly 7 miles southeast of NSRR, Puerto Rico (Figure 1-1). NASD formerly occupied approximately 8,000 acres along the western third of the island. The Navy currently owns approximately 100 acres at the former NASD facility. The remainder of the 8,000 acres are now owned by the DOI (3,100 acres), the Municipality of Vieques (4,000 acres), and the Puerto Rico Conservation Trust (800 acres). Figure 1-2 shows the approximate property boundary for each group.

NASD was utilized by the U.S. Navy Atlantic Fleet for storage of munitions from approximate years of 1942 to 2000. The activities at NASD were directed under the consolidated command of Commander Fleet Air Caribbean, Naval Forces Caribbean, and Antilles Defense Command, whose headquarters are at NSRR. The mission of NASD was to receive, store, and issue all ordnance authorized by NSRR for support of Atlantic Fleet activities.

1.6 Site Descriptions

This section provides a brief site description and results of previous investigations for each of the 17 IR sites. Appendix A includes a current summary of all reports prepared for the IR sites at NASD. Figure 1-2 shows the locations of the 17 sites.

1.6.1 Solid Waste Management Unit (SWMU) 4 – Open Burn/Open Detonation (OB/OD) Site

The inactive OB/OD (SWMU 4) was utilized for thermal destruction of waste munitions, fuels or propellants. The material to be burned was placed in the open burn area and a squib or other detonator was placed in the waste material. The open burn was then initiated from a safe distance using electrical detonation. In addition, material from the rework of munitions (loose powder and primers) and flares and cartridge-activated devices may also have been disposed at the unit (IAS, 1984). The inactive OB/OD area reportedly has been swept for live munitions by an Explosive Ordnance Demolition (EOD) team from NASD.

The Expanded PA/SI field investigations for SWMU 4 included collection of soil and groundwater samples for VOCs, SVOCs, pesticides, PCBs, and metals analysis. Parameters exceeding screening criteria in surface soils included aluminum, arsenic, iron, lead, thallium, vanadium, 2,4-dinitrotoluene, 2,4,6-trinitrotoluene, and hexahydro-1,3,5-trinitro-1,3,5-tetrazocine. In subsurface soils, the metals arsenic and barium exceeded screening criteria. Parameters exceeding screening criteria in groundwater included aluminum, barium, cadmium, chromium, iron, manganese, nickel, selenium, vanadium, and zinc. In addition, various small UXO and spent munitions were discovered at the site. The metals detected at the site were detected at concentrations indicative of background concentrations for the island.

1.6.2 SWMU 5 – Inhibited Red Fuming Nitric Acid (IRFNA)/Mixed Amine Fuel (MAF-4) Disposal Site

SWMU 5 is located within the magazine area of NASD and includes a drainage ditch southeast of Magazine #422, which leads to a nearby quebrada. At this location in 1975, approximately 7,000 pounds of fuel was reportedly emptied from leaking drones into a low spot in a road near Magazine #422, which drained into the quebrada via the drainage ditch. The IAS Report stated that the quebrada is in the probable surface recharge area for one of the few naturally occurring springs on the island that flows year-round. However, this is unlikely because the spring and SWMU 5 are not located in the same drainage basin.

The fuel contained 5,275 pounds of IRFNA and 1,775 pounds of MAF-4. Although it is likely that much of the material volatilized or has biodegraded, site investigations evaluated the potential presence of persistent nitrogen-containing chemicals in the soil.

The Expanded PA/SI field investigations for SWMU 5 was conducted in April and May 2000, and included collection of surface soil and subsurface soil samples from four borings. The samples were analyzed for metals, VOCs, SVOCs, pesticides, explosives, and PCBs. Analytical results from the Expanded PA/SI indicated a single detection of benzo(a)pyrene at a concentration above the residential RBC. All other parameters were either non-detect, or were detected at concentrations below applicable screening criteria.

1.6.3 SWMU 6 – Mangrove Disposal Site

The Mangrove Disposal Site is located in an 18-acre ocean-side mangrove swamp in Laguna Arenas along North Shore Road (Route 70) on the NASD. There is no known history of permits pertaining to this site. The disposal site was in use during the 1960s and 1970s, and was used as a base disposal area.

Previous investigations included the collection of soil, sediment, surface water, and groundwater samples for VOCs, SVOCs, pesticides, PCBs, and metals analysis. Parameters exceeding screening criteria in surface soils included aluminum, antimony, arsenic, iron, lead, thallium, and benzo(a)pyrene. In subsurface soils, only arsenic exceeded a screening criteria. Parameters exceeding screening criteria in groundwater included aluminum, arsenic, barium, cadmium, iron, lead, manganese, PCB-1221, and PCB-1232. In surface water, arsenic, copper, lead, mercury, and silver exceeded screening criteria. Parameters exceeding screening criteria in sediment included arsenic, chromium, copper, lead, nickel, and zinc. The metals detected at the site were detected at concentrations indicative of background concentrations for the island. Additional background studies for metals were conducted during the Phase II Expanded PA/SI, and the metals concentrations will be evaluated against the background concentrations once approved by USEPA and PREQB.

1.6.4 SWMU 7 – Quebrada Disposal Site

SWMU 7 is located within the north central portion of the NASD area immediately south of Route 70 and includes a steep embankment and bottom of a quebrada. The site encompasses approximately 1 acre, and was reportedly used as a waste disposal site between the early 1960s and late 1970s.

The quebrada varies from 20 to 30 feet wide and 10 to 20 feet deep. More than 1,500 cubic yards of material are estimated to be present at the site (IAS, 1984).

The Expanded PA/SI field investigation for SWMU 7 was conducted in April 2000 and included re-sampling of one existing monitoring well, installation and sampling of two new monitoring wells, and resampling of six surface soil locations and three sediment locations. The samples were analyzed for metals, VOCs, SVOCs, pesticides, and PCBs. Analytical results from the Expanded PA/SI indicate detections of benzo(a)pyrene in surface soil at concentrations above the residential RBC. Several metals were also detected in groundwater, surface soil, and sediment above applicable screening criteria. The metal detections are likely attributable to background conditions. Additional background studies for metals were conducted during the Phase II Expanded PA/SI, and the metals concentrations will be evaluated against the background concentrations once approved by USEPA and PREQB.

1.6.5 SWMU 10 – Waste Paint and Solvents Disposal Site

SWMU 10 is located in the public works area of NASD and consists of an area of soil outside the Paint Locker (Building 4001). This area was used for the open dumping of waste paints and solvents. SWMU 10 has been in use since the mid-1970s. Waste paints and solvents have recently been transferred to NSRR for proper disposal.

The Expanded PA/SI field investigations at SWMU 10 were conducted in April and May 2000, and included the collection of 10 surface soil samples and 10 subsurface soil samples. The samples were analyzed for metals, VOCs, SVOCs, pesticides and PCBs. Analytical results from the Expanded PA/SI indicate that no organic compounds were detected above applicable screening criteria. The results for inorganic compounds indicate detections of several metals surface soil, and arsenic in subsurface soil above applicable screening criteria. These metal detections are likely attributed to background conditions. Additional background studies for metals were conducted during the Phase II Expanded PA/SI, and the metals concentrations will be evaluated against the background concentrations once approved by USEPA and PREQB.

1.6.6 SWMU 14 – Wash Rack

SWMU 14 is located within the public works area of NASD and includes the washrack and oil/water separator located west of Buildings 2015 and 2016. The washrack has been in use since the late 1970s, and consists of a concrete driveway with 4-inch curbs on each side and ramps on each end, measuring approximately 20 feet long by 10 feet wide. The area is primarily used for cleaning Navy vehicles. Facility personnel stated that degreasing solvents are used occasionally in this area to facilitate cleaning. A swale at the end of the unit facilitates the discharge of runoff water to a ditch that eventually discharges to the Atlantic Ocean.

The Expanded PA/SI field investigation at SWMU 14 was conducted in April and May 2000, and included the installation and sampling of two monitoring wells, collection of 14 surface and subsurface soil samples, and collection of three samples of the accumulated soil from the oil/water separator. All samples were analyzed for metals, VOCs, SVOCs, pesticides, and PCBs. Analytical results indicated dieldrin in the upgradient monitoring well at a concentrations exceeding the tap water RBC. Several metals were detected in groundwater

and soil above applicable screening criteria. These metal detections are likely attributed to background conditions.

1.6.7 SWMU 15 – Waste Transportation Vehicle

SWMU 15 is located in the public works area of NASD and includes a grassy area west of the washrack and oil/water separator (SWMU 14) where a Navy truck was parked that reportedly contained numerous drums of a waste labeled as caustic D002 (USEPA code for corrosive waste). It has been determined that the drums contained napalm from NSRR. The truck contained 55-gallon metal drums and overpack drums, suggesting that the material inside may have leaked at one time from a drum or another source.

The Expanded PA/SI field investigation at SWMU 15 included the installation and sampling of one monitoring well and the collection of 16 surface soil samples. The samples were analyzed for metals, VOCs, SVOCs, pesticides, and PCBs. Analytical results from the Expanded PA/SI indicate that no organic compounds were detected above applicable screening criteria. The results for inorganic compounds indicate detections of several metals groundwater and surface soil above applicable screening criteria. These metal detections are likely attributed to background conditions.

1.6.8 AOC B – Wastewater Treatment Plant (WWTP) and Disposal Ground

AOC B is the WWTP located in the public works area of NASD. The WWTP has been in operation since approximately 1983, and consists of one aeration tank and one separation tank, with two blowers to supply air for the biological treatment. Effluent from the WWTP then drains into a series of four lagoons with no discharge point. Disposal of hazardous constituents may have occurred at the WWTP during past operations.

The Phase II Expanded PA/SI field investigation at AOC B included collection of four surface soil and subsurface soil samples. Analysis of laboratory data identified four metals in surface soils above residential PRGs. Concentration of analytes in subsurface soil were all either not detected, or were detected at concentrations below screening criteria.

1.6.9 AOC C – Drainage Ditch in the Vicinity of Transportation Shop Area

AOC C is located within the public works area of NASD and includes a septic tank north of Building 2045 and stormwater drainage ditches located on both sides of the road leading from Route 70 into the public works area. The two ditches near the transportation shop routinely handle stormwater runoff during rain events. An oily sheen was observed in one of the ditches during the visual site inspection. It is unknown whether hazardous constituents are routinely discharged to the ditch, which ultimately drains to the Atlantic Ocean.

The Expanded PA/SI field investigation at AOC C included the installation and sampling of one monitoring well, collection of fifteen surface soil samples, collection of 20 subsurface soil samples, and the collection of two sediment samples. The samples were analyzed for metals, VOCs, SVOCs, pesticides and PCBs. Analytical results from the Expanded PA/SI indicate that no organic compounds were detected above applicable screening criteria. The results for inorganic compounds indicate detections of several metals groundwater and soil above applicable screening criteria. These metal detections are likely attributed to background conditions.

1.6.10 AOC E – Underground Storage Tank (UST) Site 2016

AOC E is located within the public works area of NASD at the former location of a UST located near the northwest corner of Building 2016. The former UST was a 550-gallon, single-wall, steel waste oil tank. The piping system associated with the UST consisted of single-wall steel pipes. The UST was installed in 1970 to store waste oil generated from vehicle maintenance activities that take place in Building 2016.

As part of UST removal activities conducted at Site 2016, soil samples collected and submitted for laboratory analysis detected total petroleum hydrocarbon (TPH) concentrations ranging from 568 to 1,790 milligrams per kilogram (mg/kg). Navy personnel indicated that no accidental spills associated with the UST at Site 2016 had occurred at the site.

The Expanded PA/SI field investigation at AOC E included the installation and sampling of three new monitoring well and the collection of groundwater samples from two existing monitoring wells. The samples were analyzed for metals, VOCs, SVOCs, pesticides and PCBs. Analytical results from the expanded PA/SI investigation indicated exceedance of EQB target levels for petroleum constituents in soil and groundwater at the site. In addition, free-floating petroleum was discovered in a monitoring well installed at the former location of the UST.

1.6.11 AOC F – UIC Septic System Site

AOC F is located within the public works area of NASD and includes a 1,500-gallon septic tank located near the Enlisted Men's (EM) Club. In 1997, this UIC was scheduled to be closed. A sampling and testing program was conducted in July 1997. Results of the soil sampling showed exceedances of soil screening criteria for several parameters.

The Expanded PA/SI field investigation at AOC F included the installation and sampling of five monitoring well and the collection of twenty subsurface soil samples. The samples were analyzed for metals, VOCs, SVOCs, pesticides and PCBs. Analytical results from the Expanded PA/SI indicate detections of several metals in groundwater and soil above applicable screening criteria. These metal detections are likely attributed to background conditions.

1.6.12 AOC H – Abandoned Power Plant

AOC H is located on the north side of Route 70 just east of the public works area. It consists of an abandoned power plant that operated from 1941 to 1943. The power plant building was reportedly used for fire fighter training from the 1960s through the 1980s. Firefighting activities reportedly consisted of placing diesel fuel on tires and igniting the tires inside the building. The diesel fuel was stored in a 2,000 to 3,000 gallon aboveground storage tank (AST) located on the western side of the power plant building.

The Phase II Expanded PA/SI field investigation at AOC H included the collection of 40 soil samples (20 surface soil samples and 20 subsurface soil samples) and installation and sampling of four monitoring wells. The samples were analyzed for metals, VOCs, SVOCs, pesticides, PCBs, and explosives. Results of laboratory analysis identified four metals above the screening criteria in surface soils. Two exceedances of an explosive (2,6-dinitrotoluene) were also identified in surface soils. Concentrations of analytes in subsurface soil were either below screening criteria, or below the instrument and method detection limits. Seven

exceedances of metals above either the maximum contaminant level (MCL) or Tap water PRGs were noted in the groundwater laboratory data.

1.6.13 AOC I – Asphalt Plant

AOC I is located on the south side of Route 60 just west of the north gate and consists of a former asphalt plant. Operations at the plant were conducted from the 1960s until 1998. The specific AOCs consists of two asphalt truck parking/loading containment areas and the location of two former diesel ASTs.

The Phase II Expanded PA/SI field investigation at AOC H included the collection of twenty-six soil borings (26 surface soil samples and 26 subsurface soil samples). The samples were analyzed for metals, VOCs, SVOCs, pesticides and PCBs. TPH were identified above the PREQB criteria of 100 mg/kg at several surface soil sampling locations. Four metals were also noted above the residential PRGs in surface soils at AOC I. TPH was not identified above the PREQB criterion in any of the subsurface soil samples collected under this program. Chromium was found above the leachability PRG in subsurface soil at 23 individual locations.

1.6.14 AOC J – Former Staging Area Disposal Site

This disposal site encompasses an area of approximately 1.2 acres by 2 to 4 feet in depth. The area was used as a solid waste disposal site associated with construction staging activities. It was used between the mid-1960s and 1973, after which the waste was removed from the site and placed in a municipal landfill off-base.

During a site visit conducted by CH2M HILL at the site on September 14, 2000, 106mm shell casings and 20mm ammunition boxes were observed. Previous visits by Environmental Resource Management, Inc. (ERM) indicated visible debris consisting of scrap metal from construction equipment, unexploded ordnance (UXO), shell casings, glass fragments, and wood waste. Previous investigations at the site included collection of soil samples near the visible disposal areas. The samples were analyzed for VOCs, SVOCs, pesticides, PCBs, and metals. Analytical results of soil samples showed no elevated levels of any constituents of concern for this site.

The Phase II Expanded PA/SI field investigation at AOC J included the installation and sampling of four monitoring wells, and collection of four surface and subsurface soil samples and five sediment and surface water samples. The samples were analyzed for metals, VOCs, SVOCs, pesticides, PCBs, and explosives. A UXO avoidance survey was also completed at AOC J prior to any intrusive investigatory activities. Three metals in surface soil were identified above the residential PRGs. No exceedances of any analyte sampled for were noted in subsurface soil at AOC J. No exceedances were noted in site sediments above the ecological comparison criteria for sediments (ECOSD). Eight metals were identified in groundwater above applicable PRGs or MCLs. Perchlorate was also detected above the PRG at one groundwater sampling location. Copper and mercury were detected in surface water above their surface water criteria at two locations and one location, respectively.

1.6.15 AOC K – Water Well at Main Operations Area

AOC K consists of a well located in the public works area of NASD. The well was used as a potable water supply for the base from approximately 1941 to 1979. This well is near a number

of potentially contaminated sites at the public works area. Past analyses of samples from this well indicated the presence of benzene at a level slightly above the drinking water MCL in this well.

The Phase II Expanded PA/SI field investigation at AOC K included the installation and sampling of five monitoring wells. The samples were analyzed for metals, VOCs, SVOCs, pesticides, and PCBs. Groundwater samples collected from these five monitoring points identified six metals above the tap water PRGs and drinking water MCLs. In addition, one semi-volatile organic compound, bis(2-ethylhexyl)phthalate (BEHP), was detected above the tap water PRG. These metal detections are likely attributed to background conditions. Additional background studies for metals were conducted during the Phase II Expanded PA/SI, and the metals concentrations will be evaluated against the background concentrations once approved by USEPA.

1.6.16 AOC L – Abandoned Septic Tank

AOC L is located on the north side of Route 70 across from the public works area, and consists of a 25 foot by 40 foot concrete vault with separate compartments. It is suspected that the vault was used in the 1940s for treatment and disposal of installation sewage, and that no drain field was present. No indications exist that this vault was used for any kind of industrial activity. Disposal of hazardous constituents, however, may have occurred at the septic tank during past operations.

The Phase II Expanded PA/SI field investigation at AOC L included the collection four surface soil and four subsurface soil samples. The samples were analyzed for metals, VOCs, SVOCs, pesticides, and PCBs. Results of the soil sampling program at AOC L detected two metals in surface soils above the residential PRGs. All subsurface soil results were either below the screening criteria or below the instrument and method detection limits.

1.6.17 AOC R – Former Operations/Staging Area

AOC R is located in the public works area of NASD and consists of an area used as a construction staging area and public works operational area from about 1965 to 1971. The large concrete pad at the site was present before the Navy owned the area and can be seen in 1937 aerial photographs. In the late 1960s, a carpentry shop and enlisted club were located at the pad. Light vehicle maintenance activities such as oil changes were conducted near the pad to the northwest. Additionally, a large AST was once located near the pad.

The Phase II Expanded PA/SI field investigation at AOC R included the collection of thirty-four surface soil samples. The samples were analyzed for metals, VOCs, SVOCs, pesticides, PCBs, and explosives. Four metals were consistently identified above the industrial, residential, or leachability criteria at the majority of the sample locations. Several semi-volatile constituent concentrations in site surface soils also exceeded the industrial and residential PRGs. These metal detections are likely attributed to background conditions.



Figure 1-1
SITE LOCATION MAP
NASD, Vieques Island, Puerto Rico

T:\Environmental\Puerto Rico Drawings\Veques\Fig-1-2.dwg

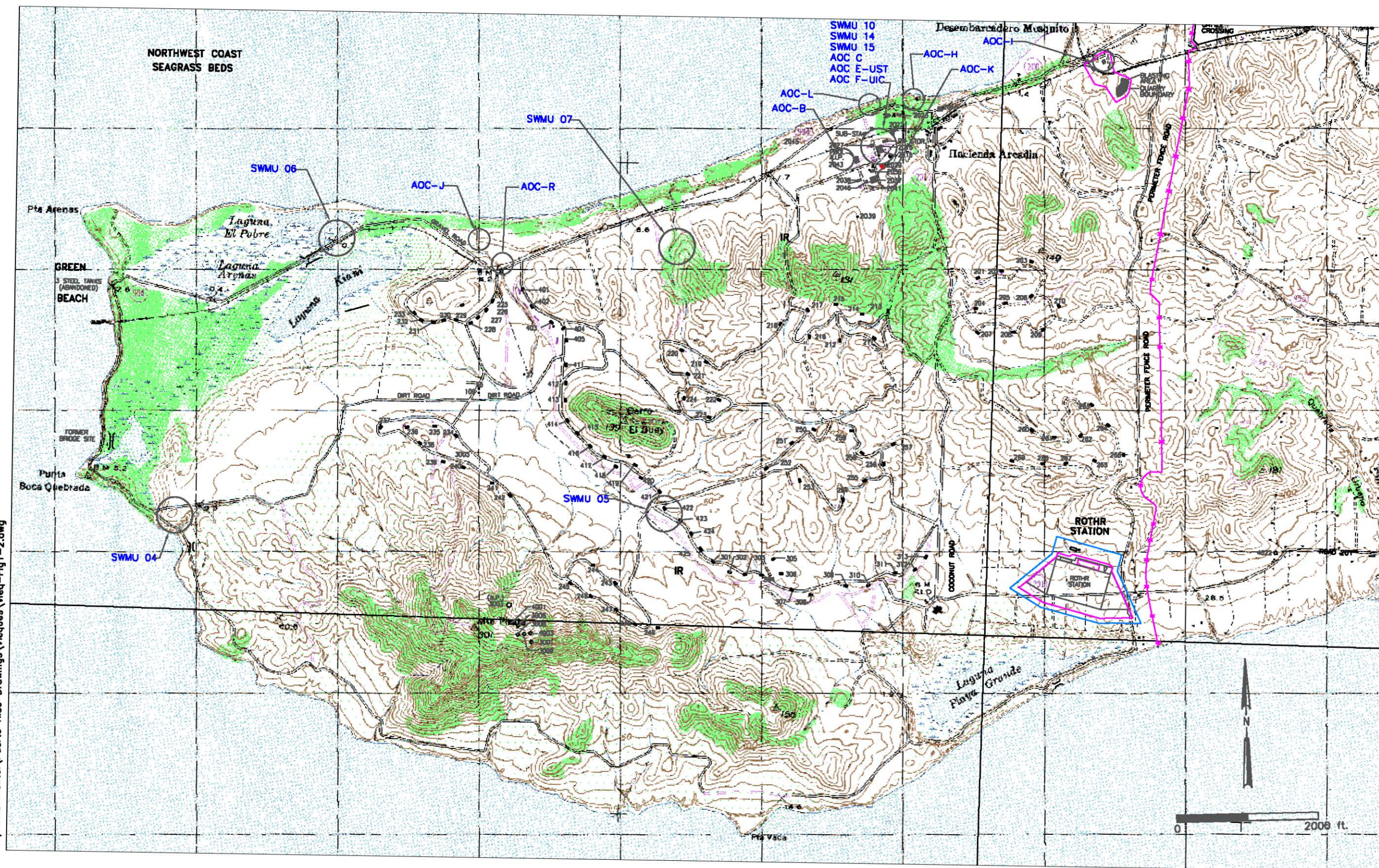


Figure 1-2
SITE TOPOGRAPHIC MAP
Naval Ammunition Support Detachment, Vieques Island

CH2MHILL

SECTION 2

Environmental Program Status

The Department of Defense (DoD) IR Program was defined in 1981 as a multi-phase program for investigation of past hazardous waste disposal sites at DoD installations. The DoD IR program has been revised to provide consistency between the IRP and current regulatory programs (the Comprehensive Environmental Response, Compensation, and Liability Act [CERCLA] or the Resource Conservation and Recovery Act [RCRA]). At the former NASD facility, the IR Program is conducted in accordance with the CERCLA process. Although the investigations are being conducted under the CERCLA process, none of the sites are listed on the National Priorities List (NPL).

The CERCLA program steps being followed at the Former NASD facility are the requirements and guidelines to identify, characterize and evaluate hazardous constituent releases, and to determine the risks posed to human health and the environment by such releases. The CERCLA program also includes processes to evaluate remedial alternatives and to implement the most appropriate remedial alternative to reduce the risks to human health and the environment. Achieving the primary objective of the CERCLA program at the former NASD facility may involve one or various combinations of the following specific activities:

Preliminary Assessment (PA)

Site Investigation (SI)

Remedial Investigation (RI)

Feasibility Study (FS)

Remedial Action (RA)

Record of Decision or Decision Document (ROD)

A description of each of these activities are included *Section 3.2* of this report. The implementation of these activities ultimately lead to either implementation of a remedial design/remedial action, or a decision to take no action at the site, as illustrated in Figure 2-1.

Initial PAs at NASD were conducted under the RCRA process. Therefore, references to RCRA Facility Assessments (RFAs) are found in the documentation. The RFA is the same for RCRA as a PA is for CERCLA. In addition, the RFA identified SWMUs and Areas of Concern (AOCs), which are RCRA terminology. However, the CERCLA Technical Team has decided to retain this terminology throughout the program.

2.1 Regulatory Agencies and Regulations

Because the investigations associated with the DOD property transfer were being conducted under the CERCLA process, the Navy served as the lead agency with consultation from EPA

and PREQB. Since the property has transferred to the Municipality of Vieques and the initial investigations determined that the NASD facility should not be placed on the NPL, PREQB will be the primary regulatory agency for review and comment of the CERCLA processes being conducted at the MOV property. Because the sites on the DOI property potentially contain UXO, the Navy will be the lead agency for the restoration of these sites. The NASD IR Program must follow the regulatory guidelines presented in the following regulations:

- CERCLA, as amended by the Superfund Amendments and Reauthorization Act (SARA)
- National Oil and Hazardous Substance Pollution Contingency Plan
- National Environmental Policy Act (NEPA)
- Defense Environmental Restoration Program
- Toxic Substance Control Act (TSCA)
- National Pollution Discharge Elimination System (NPDES)
- National Historic Preservation Act
- PREQB Underground Injection Control Regulations
- PREQB Underground Storage Tank Regulations

2.2 Completed IR Program Activities

The Navy is currently in the PA/SI process at all the IR sites at the former NASD facility. PA and SI activities performed at NASD to date are discussed below.

2.2.1 Preliminary Assessment

The PA is typically the first step in the CERCLA process. The purpose of the PA is to identify whether potential releases of contaminants occurred from a facility based on review of environmental records and/or visual evidence. If no historical practices, current land uses, or visual signs of contamination were noted during the PA that could adversely affect the soil or groundwater at a facility, further assessment may not be warranted. Further action is warranted at facilities where site contamination is known to exist, or is suspected. If contamination is known or suspected to be present, the Navy will assign a number to the SWMU or AOC. If site contamination is suspected based on evidence obtained during the PA but is not confirmed, SI activities are recommended. For the former NASD Vieques, the Initial Assessment Study (IAS), the RFA, and the Environmental Baseline Survey (EBS) were used as the basis for the PA in determining which sites needed to be investigated as part of the SI.

The Navy used a very conservative approach in site selection. In September 1984, Greenleaf/Telesca Planners, Engineers, and Architects, Inc., prepared the *Initial Assessment Study, Naval Station Roosevelt Roads, Puerto Rico*. In October 1988, A.T. Kearney, Inc., and K.W. Brown & Associates, Inc., prepared the *Phase II RCRA Facility Assessment of the Naval Ammunition Facility (NASD), Vieques Island, Puerto Rico*. Also in 1988, Environmental Science and Engineering (ESE) conducted a PA/SI for SWMU 5, SWMU 6, and SWMU 7. All of the

sites recommended for further study in the IAS and RFA were carried forward for further study in the Phase I Expanded PA/SI investigation, including SWMU 5, SWMU 6, and SWMU 7 previously evaluated by ESE. No sites were screened away in this process. The 10 sites recommended for further investigation during the Phase I PA/SI included the following:

- SWMU 4 – Inactive Waste Explosive Open Burn/Detonation Area
- SWMU 5 – IRFNA/MAF-4 Disposal Site
- SWMU 6 – Mangrove Disposal Site
- SWMU 7 – Quebrada Disposal Site
- SWMU 10 – Waste Paint and Solvents Disposal Site
- SWMU 14 – Wash Rack
- SWMU 15 – Waste Transportation Vehicle Area
- AOC C – Drainage Ditch in the Vicinity of the Transportation Shop
- AOC E – UST Site 2016
- AOC F – Septic Tank Site

Environmental Research, Inc., conducted a detailed aerial photographic analysis of NASD as part of the EBS prepared by ERM in August 2000. Aerial photographs from 1936, 1937, 1959, 1961, 1962, 1964, 1967, 1973, 1985, 1993, 1994, and 1999 were made into composites and examined using stereoscopic methods. The aerial photographic analyses were used to:

- Track the operational history of previously identified sites of known or suspected contamination
- Track history of site operations from pre-Navy occupation (pre-World War II) to present
- Identify anomalies (e.g., ground scars, cleared areas, debris piles, possible disposal areas, etc.) for further follow-up and investigation

Although aerial photographs are informative, they rarely provide conclusive evidence. Anomalies may be attributable to a number of causes unrelated to environmental concerns. At NASD, therefore, the EBS incorporated the results of the aerial photographic analyses with:

- Results of previous/ongoing investigations
- Results of site inspections and sampling conducted pursuant to the EBS, including site inspections conducted solely for the purpose of investigating (“ground-truthing”) potential areas of contamination uncovered by the aerial photographs
- Results of interviews with former NASD Vieques employees. This procedure was particularly useful, since interviews with former employees revealed that a number of the suspect areas identified in the aerial photographs were attributable to cattle grazing activities, which occurred from time to time throughout the site.

As a result of the EBS, an additional seven sites were added to the original 10 sites to be carried forward for a Phase II PA/SI that was completed by CH2M HILL. These additional seven sites include:

- AOC B – WWTP and Disposal Ground
- AOC H – Abandoned Power Plant
- AOC I – Asphalt Plant
- AOC J – Former Operations Area Disposal Site
- AOC K – Water Well at Main Operations Area
- AOC L – Abandoned Septic Vault
- AOC-R – Former Operation/Staging Area

Figure 2-2 presents the locations of these sites on NASD. No additional PAs are planned for the former NASD facility.

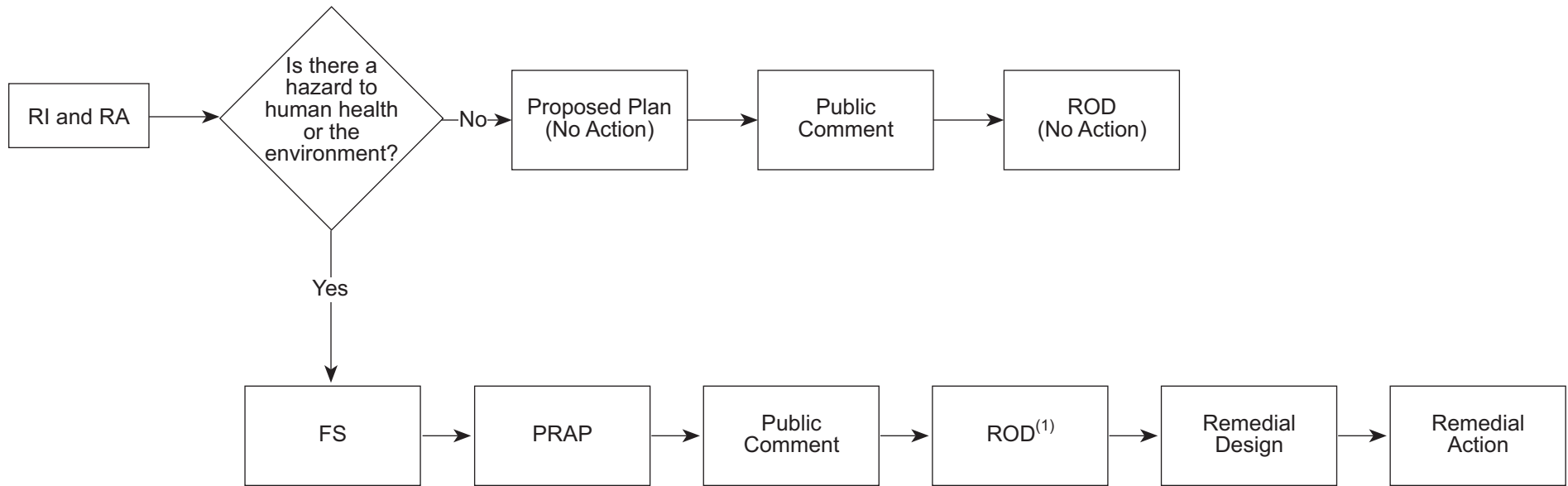
2.2.2 Site Investigation

The SI process involves collection of environmental samples, but is generally limited in scope. The goal of the SI is to gather sufficient data to confirm the presence or absence of contamination from a SWMU or AOC identified in the PA. Analytical data obtained during the SI are compared against human health and ecological risk based screening criteria. If contaminants do not exceed screening criteria, an SI report with a NFA recommendation will be prepared. If contamination at the site has been detected above screening criteria, the SI will recommend further investigation of the site in a RI/FS.

Because of the accelerated schedule of the transfer, the Navy conducted Expanded PA/SIs at the 17 sites to meet the transfer date. The expanded PA/SIs involved a more detailed sampling scheme than traditional SIs, and in many cases delineated the nature and extent of contamination at sites in which contaminant concentrations exceeded screening criteria. The 17 sites were investigated during the Phase I and Phase II PA/SI field efforts in 2000. Soil, sediment, surface water, and groundwater samples were collected for laboratory analysis. The samples were analyzed for metals, volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), pesticides and polychlorinated biphenyls (PCBs). At sites where the potential existed for the presence of ordnance, samples were also analyzed for explosive compounds.

The Final Expanded PA/SI report detailing the results of the 10 initial sites was submitted to USEPA and PREQB in October 2000. The Draft Phase II PA/SI report detailing the results of sampling conducted at the seven additional sites was submitted to USEPA and PREQB in July 2001.

No additional PA/SI efforts are planned for the former NASD facility. Additional investigations determined to be necessary will be conducted as part of a RI/FS. *Section 3* of this SMP discusses the screening process and proposed future activities at the facility.



RI = Remedial Investigation

RA = Baseline Risk Assessment (human health and ecological risks)

FS = Feasibility Study

PRAP = Proposed Remedial Action Plan

ROD = Record of Decision or Decision Document (including Responsive

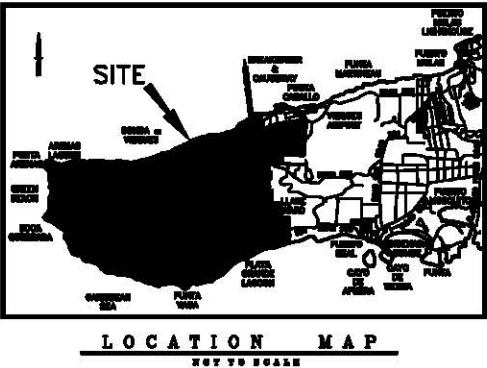
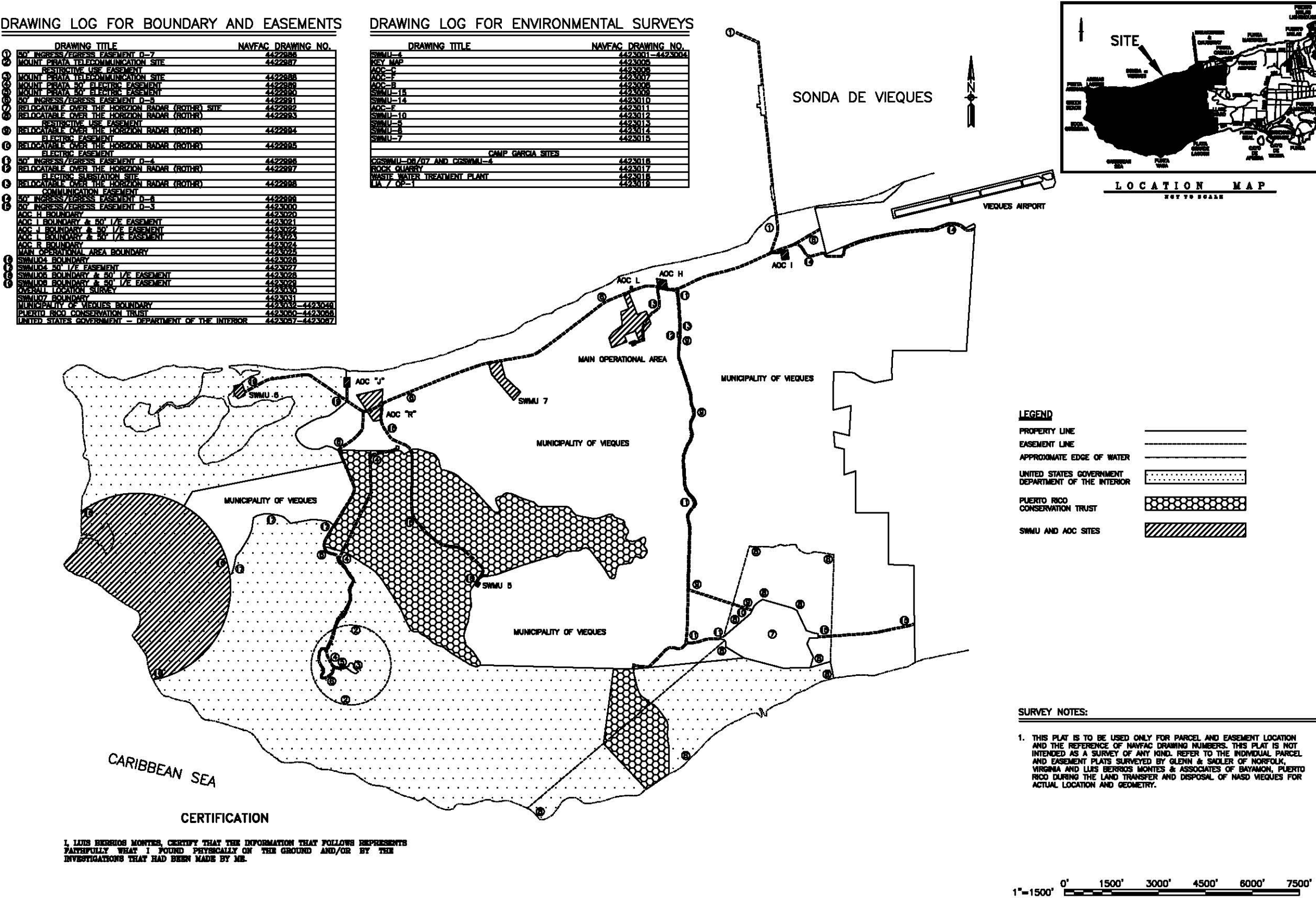
⁽¹⁾Includes summary of any Interim Remedial Actions or Removal Actions

DRAWING LOG FOR BOUNDARY AND EASEMENTS

DRAWING TITLE	NAVFAC DRAWING NO.
50' INGRESS/EGRESS EASEMENT D-7	4422885
MOUNT PRATA TELECOMMUNICATION SITE	4422887
RESTRICTIVE USE EASEMENT	4422888
MOUNT PRATA TELECOMMUNICATION SITE	4422888
MOUNT PRATA 50' EGRESS EASEMENT	4422889
MOUNT PRATA 50' EGRESS EASEMENT	4422890
50' INGRESS/EGRESS EASEMENT D-8	4422891
RELOCATABLE OVER THE HORIZON RADAR (ROTHR) SITE	4422892
RELOCATABLE OVER THE HORIZON RADAR (ROTHR)	4422893
RESTRICTIVE USE EASEMENT	4422894
RELOCATABLE OVER THE HORIZON RADAR (ROTHR)	4422894
ELECTRIC EASEMENT	4422895
RELOCATABLE OVER THE HORIZON RADAR (ROTHR)	4422895
ELECTRIC EASEMENT	4422895
50' INGRESS/EGRESS EASEMENT D-4	4422896
RELOCATABLE OVER THE HORIZON RADAR (ROTHR)	4422897
ELECTRIC SUBSTATION SITE	4422898
RELOCATABLE OVER THE HORIZON RADAR (ROTHR)	4422898
COMMUNICATION EASEMENT	4422899
50' INGRESS/EGRESS EASEMENT D-8	4422899
50' INGRESS/EGRESS EASEMENT D-3	4423000
AOC H BOUNDARY	4423020
AOC J BOUNDARY & 50' I/E EASEMENT	4423021
AOC J BOUNDARY & 50' I/E EASEMENT	4423022
AOC J BOUNDARY & 50' I/E EASEMENT	4423023
AOC R BOUNDARY	4423024
MAIN OPERATIONAL AREA BOUNDARY	4423025
SWMU04 BOUNDARY	4423026
SWMU04 50' I/E EASEMENT	4423027
SWMU04 BOUNDARY & 50' I/E EASEMENT	4423028
SWMU04 BOUNDARY & 50' I/E EASEMENT	4423029
OVERALL LOCATION SURVEY	4423030
SWMU07 BOUNDARY	4423031
MUNICIPALITY OF VIEQUES BOUNDARY	4423032-4423048
PUERTO RICO CONSERVATION TRUST	4423050-4423058
UNITED STATES GOVERNMENT - DEPARTMENT OF THE INTERIOR	4423057-4423067

DRAWING LOG FOR ENVIRONMENTAL SURVEYS

DRAWING TITLE	NAVFAC DRAWING NO.
SWMU-4	4423001-4423004
KEY MAP	4423005
AOC-E	4423006
AOC-F	4423007
AOC-G	4423008
SWMU-14	4423009
SWMU-14	4423010
AOC-F	4423011
SWMU-10	4423012
SWMU-6	4423013
SWMU-8	4423014
SWMU-7	4423015
CAMP GARCIA SITES	
CGSWMU-06/07 AND CGSWMU-4	4423016
ROCK QUARRY	4423017
WASTE WATER TREATMENT PLANT	4423018
LA / OF-1	4423019



LEGEND	
PROPERTY LINE	—————
EASEMENT LINE	—————
APPROXIMATE EDGE OF WATER	—————
UNITED STATES GOVERNMENT DEPARTMENT OF THE INTERIOR
PUERTO RICO CONSERVATION TRUST
SWMU AND AOC SITES

SURVEY NOTES:

1. THIS PLAT IS TO BE USED ONLY FOR PARCEL AND EASEMENT LOCATION AND THE REFERENCE OF NAVFAC DRAWING NUMBERS. THIS PLAT IS NOT INTENDED AS A SURVEY OF ANY KIND. REFER TO THE INDIVIDUAL PARCEL AND EASEMENT PLATS SURVEYED BY GLENN & SADLER OF NORFOLK, VIRGINIA AND LUIS BERRIOS MONTES & ASSOCIATES OF BAYAMON, PUERTO RICO DURING THE LAND TRANSFER AND DISPOSAL OF NASD VIEQUES FOR ACTUAL LOCATION AND GEOMETRY.



CERTIFICATION

I, LUIS BERRIOS MONTES, CERTIFY THAT THE INFORMATION THAT FOLLOWS REPRESENTS FAITHFULLY WHAT I FOUND PHYSICALLY ON THE GROUND AND/OR BY THE INVESTIGATIONS THAT HAD BEEN MADE BY ME.

Date : _____

LUIS BERRIOS MONTES
Surveyor License No. 5838

LUIS BERRIOS MONTES
Professional Land Surveyor
No. 5838
P.R. License No. 5838
P.R. License No. 5838

GLENN & SADLER
Surveyors - Virginia
1000 N. 1st St., Suite 100
Norfolk, VA 23510
Tel: 757-622-1112

FIGURE 2-2
COLOR PROPERTY MAP
VIEQUES ISLAND, PUERTO RICO

SECTION 3

Screening, Categorization, and Future Activities

3.1 Screening Criteria

Screening methods have been developed for NASD to determine whether a SWMU or AOC will require a full RI/FS or if it can be designated an NFA site if it does not pose a threat to the environment.

The screening of each site was based upon validated analytical results obtained from these investigations. The screening process provides a systematic method to identify target analytes present at the site that may require more detailed evaluation. These data provide the rationale for a recommendation of NFA or further investigation [RI/FS or IRA] for each site. The screening of analytical data obtained from the sampling events involves screening to regulatory risk based screening criteria, and established background concentrations. These two screening procedures are discussed in the following subsections. Appendix A presents the screening criteria used for screening site data.

3.1.1 Risk-Based Screening Procedure

The 17 sites were investigated during the Phase I and Phase II PA/SI 2000. Soil, sediment, surface water, and groundwater samples were collected for laboratory analysis. The samples were analyzed for metals, VOCs, SVOCs, pesticides and PCBs. At sites where the potential existed for the presence of ordnance, samples were also analyzed for explosive compounds.

Concentrations of detected chemicals at each site were compared to the following regulatory criteria for each matrix:

Groundwater:

- Maximum Contaminant Level, *Drinking Water Standards and Health Advisories*, USEPA 2000
- USEPA Region IX Preliminary Remedial Goals (PRGs) - Tap Water Values, November 22, 2000
- PREQB Water Quality Criteria
- NASD Groundwater Background Criteria, CH2M HILL 2001

Surface Water:

- Human Health Surface Water Criteria, the lower of
 - 1) USEPA, National Recommended Water Quality Criteria, Federal Register, vol 63, No. 237, December 10, 1998, or

- 2) Clean Water Act, Sections 303 and 304; 304(a) *Criteria and Related Information for Toxic Pollutants*. Updated December 1992 Values, January 1995 (Toxic Substance Spreadsheet)

- Puerto Rico Water Quality Criteria

Ecological Surface Water Criteria: EPA Amended Guidance on Ecological Risk Assessments at Military Bases: Process Considerations, Timing of Activities, and Inclusion of Stakeholders, Region IV Office of Technical Services, December 10, 1998.

- NASD Surface Water Background Criteria, CH2M HILL 2001

Soil:

- Region IX Preliminary Remedial Goals – Industrial Soil Values, November 22, 2000
- Region IX Preliminary Remedial Goals – Industrial Soil Values, November 22, 2000
- Region IX Soil Screening Level, Migration to Ground Water – Dilution Attenuation Factor (DAF) 20, November 22, 2000
- Ecological Soil Water Criteria: *EPA Amended Guidance on Ecological Risk Assessments at Military Bases: Process Considerations, Timing of Activities, and Inclusion of Stakeholders*, Region IV Office of Technical Services, December 10, 1998.
- NASD Background Soil Criteria, CH2M HILL 2001

Sediment:

- Ecological Sediment Water Criteria: *EPA Amended Guidance on Ecological Risk Assessments at Military Bases: Process Considerations, Timing of Activities, and Inclusion of Stakeholders*, Region IV Office of Technical Services, December 10, 1998.

Phase I data were compared to background concentrations for metals from the Camp Garcia Hydrogeologic Investigation, CH2M HILL, November 1999. Phase II data were compared to background concentrations obtained from the recently completed background investigation at NASD. During preparation of the NFA documents, the site data will be screened to the most recent USEPA accepted criteria, as well as approved background concentrations for metals from the recently completed background investigation of NASD. Appendix B includes the screening criteria used at NASD for each media.

3.1.2 Background Screening

The Phase I and Phase II PA/SIs at the former NASD have revealed that elevated levels of metals exist in soil, groundwater, surface water, and sediment at several IR Program sites. The investigations have not, however, differentiated the degree to which these constituents were attributed to either site conditions or background conditions associated with naturally occurring constituents.

In December 2000, CH2M HILL conducted a background sampling program to support implementation of the Navy's IR program at the former NASD site. The purpose of the background sampling program was to provide sufficient data to establish representative

background concentrations data for naturally occurring metals at NASD. Constituent concentrations detected in various media as part of the PA/SI and RI activities at the site will be compared with background data to evaluate whether reported concentrations of those constituents are related to NASD operations, or are naturally occurring. Background data were collected for soils, groundwater, surface water, and sediment. Outcrop rock samples were also collected and reported. The background data will be used to compare the distribution of data collected during the site investigations to the distribution of the background data set.

The background data, currently under review by the USEPA, were compared to the Phase II site data and will be compared to Phase I site generated data to determine whether metals concentrations from site samples are the result of site-related activities or are naturally occurring. If metals concentrations from site data are below the naturally occurring background levels, these metals are not considered to be site contaminants. These metals may still be evaluated, however, with regard to their potential risk to human health.

3.2 Categorizing and Prioritizing Sites

Based on the results of the preliminary site screening, three categories have been established for moving NASD sites forward in the CERCLA process. These categories include:

Sites suitable for NFA

- | | |
|---------|-----------|
| – AOC B | – AOC R |
| – AOC C | – SWMU 5 |
| – AOC F | – SWMU 10 |
| – AOC K | – SWMU 14 |
| – AOC L | – SWMU 15 |

Sites requiring RI/FS

- | | |
|---------|----------|
| – AOC E | – SWMU 4 |
| – AOC H | – SWMU 6 |
| – AOC I | – SWMU 7 |
| – AOC J | |

Sites requiring RI/FS and Ordnance and Explosives (OE) investigation and clearance

- SWMU 4
- SWMU 6
- AOC J

Table 3-1 presents the status of the 17 sites, as well as future activities planned for the sites. The future activities will provide a more detailed assessment of each of the 17 sites to verify whether or not each of the sites has been placed in the appropriate category.

3.3 Future Activities

3.3.1 Site Suitable for NFA

Ten sites have been selected to likely be suitable for a NFA determination. These selections were based on the fact that the detected analytes are likely attributable to background conditions, or that the low-level contamination detected is not expected to generate unacceptable risks. NFA Decision Documents (NFADDs) will be prepared for these sites.

The 10 sites will be evaluated in more detail to compare to the site data to background concentrations, and a risk assessment will be performed to quantify risk. In most instances, the preferred method of evaluating risks at the sites will be through a Preliminary Risk Evaluation (PRE). The PREs will be performed following the approach outlined by the USEPA (USEPA, 1994). The first step of the PRE following identification of contaminants of concern (COPCs) will be to determine the exposure point concentration. Following the identification of the exposure point concentration, risk ratios will be calculated and summed. Tables will be presented in the NFADD following the format of the tables in USEPA's Risk Assessment Guidance (USEPA, 1998).

If unacceptable risks are determined to be present at any of the sites, and the site contaminants are demonstrated to be above background, then the site(s) will be recommended for a full RI/FS, and an RI/FS Work Plan will be prepared and submitted to USEPA and PREQB for review and approval.

3.3.2 Sites Requiring Full RI/FS

Seven sites have been identified to require full RI/FS activities. Of these seven sites, three of the sites have been identified to also contain OE. The following CERCLA steps will be conducted for these sites.

TABLE 3-1
Current Status Summary, 17 PA/SI Sites, NASD
Vieques, Puerto Rico

Site	Complete Activities		Planned Activities								Comments
	PA	SI	NFA/DD	RI	FS	ROD	RD	RI-C	RI-O	LUC	
SWMU 4 – Inactive Waste Explosive Open Burn/Detonation Area	NA	Apr/June 2000		X	X	X	X	X	X	X	RI/FS Planned after OE Survey and Removal. HHRA Planned as Part of RI/FS
SWMU 5 – IRFNA/MAF-4 Disposal Site	April 1988	Apr/May 2000	X								HHRA Planned as Part of NFADD
SWMU 6 – Mangrove Disposal Site	April 1988	Apr/May 2000		X	X	X	X	X	X	X	RI/FS Planned after OE Survey and Removal. HH&ERA Planned as Part of RI/FS
SWMU 7 – Quebrada Disposal Site	April 1988	Apr. 2000		X	X	X	X	X	X	X	HHRA Planned as Part of RI/FS
SWMU 10 – Waste Paint and Solvents Disposal Site	NA	Apr/May 2000	X								HHRA Planned as Part of NFADD
SWMU 14 – Wash Rack	NA	Apr/May 2000	X								HHRA Planned as Part of NFADD
SWMU 15 – Waste Trans. Vehicle Area	NA	Apr/May 2000	X								HHRA Planned as Part of NFADD
AOC C – Drainage Ditch/ Vicinity of Trans. Shop	NA	Apr/May 2000	X								HHRA Planned as Part of NFADD
AOC E – UST Site 2016	April 1999	Apr/May 2000		X	X	X	X	X	X	X	HH Planned as Part of RI/FS. A free-product recovery pilot study will be proposed as part of the RI/FS Work Plan.
AOC F – UIC Septic System Site	July 1997	Apr/May 2000	X								HHRA Planned as Part of NFADD
AOC B – WWTP	June 2000	Nov/Dec. 2000	X								HHRA Planned as Part of NFADD
AOC H – Power Plant	June 2000	Nov/Dec. 2000		X	X	X	X	X	X	X	HHRA Planned as Part of RI/FS
AOC I – Asphalt Plant	April 2000	Dec. 2000		X	X	X	X	X	X	X	HHRA Planned as Part of RI/FS
AOC J – Former Staging and Disposal Area	June 2000	Nov/Dec. 2000		X	X	X	X	X	X	X	RI/FS Planned after OE Survey and Removal. HHRA Planned as Part of RI/FS

TABLE 3-1
Current Status Summary, 17 PA/SI Sites, NASD
Vieques, Puerto Rico

Site	Complete Activities		Planned Activities								Comments
	PA	SI	NFA/DD	RI	FS	ROD	RD	RI-C	RI-O	LUC	
AOC K – Water Well at Public Works	1996	Nov/Dec. 2000	X								HHRA Planned as Part of NFADD
AOC L – Septic Vault	NA	Nov/Dec. 2000	X								HHRA Planned as Part of NFADD
AOC R – Former Construction Staging Area	NA	Nov/Dec. 2000	X								HHRA Planned as Part of NFADD
<p><u>Legend</u></p> <p>June 2000 – Month and Year Completed Activity Completed X – Activity Planned PA – Preliminary Assessment SI – Site Investigation NFA/DD – No Further Action/Decision Document RI – Remedial Investigation FS – Feasibility Study ROD – Record of Decision</p> <p>RD – Remedial Design RI-C – Remedial Implementation-Construction RI-O – Remedial Implementation-Operations LUC – Land Use Controls HHRA – Human Health Risk Assessment HHERA – Human Health & Ecological Risk Assessment NA – Not Applicable</p>											

3.3.2.1 OE Survey and Removal

For safety reasons, the RI/FS activities at the three sites determined to contain OE will be conducted only after OE survey and removal activities have been completed. The OE survey and removal activities will involve geophysical surveys, anomaly re-acquisition, and anomaly removal.

3.3.2.2 Remedial Investigation

The RI is appropriate when the preceding SI has characterized or identified a release of contaminants. This additional study of the facility will be completed under a preliminary schedule identified in *Section 5* of this SMP.

The purpose of the RI is to characterize the nature and extent of the contamination at the facility and to gather sufficient data to support a risk assessment, FS, NFA decision, or an IRA. The objective of the investigation is to characterize the SWMU or AOC, define potential release locations, define the degree and extent of contamination, and identify actual and potential receptors.

If the RI reveals a release that poses immediate harm to human health and the environment, an IRA may be required. If there is no immediate threat to human health or the environment, the existence of contamination above acceptable levels will require an FS to evaluate potential corrective action alternatives. If the contaminants detected do not exceed the screening criteria, or if the risk assessment indicates that no unacceptable risks to human health or the environment exists, then the RI will recommend NFA for the facility.

For site that do not meet the acceptable risk criteria for residential use, institutional controls and land use restrictions will be put in place to meet the planned land uses and proposed response actions to eliminate or avoid exposure to CERCLA hazardous substances. The institutional controls will remain in place until a change in the previously documented contaminant concentration levels occurs allowing for unrestricted use, or until the results of a risk assessment indicated that unrestricted land use is appropriate for the IR sites. The Institutional Controls placed in the Deed transferring the NASD property to the Municipality of Vieques are presented in *Section 4* of this SMP.

3.3.2.3 Feasibility Study

An FS may be required when the RI findings show that conditions at the SWMU or AOC pose unacceptable current or future risks to human health or ecological receptors. The FS process involves several technical actions to develop feasible corrective measures to remediate the site. The primary objective of the FS process is to identify, evaluate and recommend remedial technologies that are applicable to the site conditions and the nature and extent of the release. The FS will be conducted following the RI, and the results will be included in an FS Report.

3.3.2.4 Interim Remedial Action

At any time during the CERCLA process, an IRA may be conducted if it is determined that an imminent threat exists to human health or the environment. An IRA is intended to prevent or minimize the further spread of contamination while long-term remedies are pursued.

Additionally, an IRA may be performed to obtain approval of an NFA recommendation. IRAs will be conducted, if applicable, during the investigation process.

3.3.2.5 No Further Action

At any time during the CERCLA process, an NFA decision may be obtained if it has been determined that no release has occurred or that the release does not pose an unacceptable risk to human health or the environment. Prior to issuance of an NFA, sites that have entered into or completed an RI are required to prepare a ROD for public review and approval. NFA status, if and when attained, effectively terminates the site from further requirements.

SECTION 4

Deed Restrictions

On 30 April 2001, the Department of the Navy transferred ownership of the former NASD to the Municipality of Vieques (MOV). As set forth in the *Quitclaim Deed* for this transfer of ownership, the former NASD property is subject to specific land use restrictions and easements contained in the Deed. These restrictions and easements relate to the Navy's ongoing IRP activities in and around IR program parcels within the former NASD. A copy of the *Quitclaim Deed* is provided in Appendix C.

As previously discussed, IR program activities that may be performed by the Navy at the IR parcels within the former NASD can include RIs, which could include the construction of groundwater monitoring wells, and the collection of groundwater, surface water, soil, and sediment samples. The activities could also involve response or remedial actions, such as the excavation and removal of site soil, and the construction, and operation and maintenance of soil and groundwater remediation systems.

4.1 Land Use Restrictions and Easements for IR Sites

The easements and land use restrictions set forth in the Deed that apply to the IR sites are described in the following sections for each of the IR parcels on the former NASD property.

4.1.1 AOC I, Asphalt Plant

According to the Deed, the MOV agrees that use of and access to AOC I shall be limited to non-residential use until either:

A risk assessment in accordance with CERCLA is completed and the PREQB concurs that NFA is required, allowing for unrestricted use

A ROD is signed that sets forth less stringent land use restrictions

The Navy completes remedial actions in accordance with CERCLA and other applicable laws that will allow unrestricted use

Prohibited residential uses include, but are not limited to, any childcare, preschool, playground, or any form of target residential housing purposes as defined by the Residential Lead Based Paint Hazard Reduction Act (Title X) and the Toxic Substances Control Act.

Further, the Navy retains a 50-foot easement for ingress/egress to AOC I. Figure 4-1 shows the AOC I boundary and associated ingress/egress easement. AOC I consists of a 1.5-acre parcel, and the associated ingress/egress easement consists of 0.288 acres.

4.1.2 AOC H, Abandoned Power Plant

According to the Deed, the MOV agrees that use of and access to AOC H is strictly prohibited until either:

A risk assessment in accordance with CERCLA is completed and either the PREQB or USEPA concur that NFA is required, allowing for unrestricted use

A ROD is signed that sets forth less stringent land use restrictions

The Navy completes remedial actions in accordance with CERCLA and other applicable laws that will allow unrestricted use

In addition, the Navy retains a 50-foot ingress/egress easement for AOC H. Figure 4-2 shows the boundary of AOC H, including the 50-foot ingress/egress easement. AOC H comprises an area of 1.7 acres.

4.1.3 AOC L, Former Septic Vault

As agreed by the MOV, the land use restrictions that apply to AOC L are the same as those described above for AOC H (strict prohibition of use of and access to parcel), and the Navy retains a 50-foot ingress/egress easement to AOC L. Figure 4-3 shows the boundary of AOC L, including the 50-foot ingress/egress easement. AOC L comprises an area of 0.10 acres, and the area of the easement is 0.069 acres.

4.1.4 AOC B, AOC C, AOC E, AOC F, AOC K, SWMU 10, SWMU 14, and SWMU 15 (Main Operational Area)

As agreed by the MOV, the land use restrictions that apply to the Main Operational Area are the same as those described above for AOC I (restricted to non-residential use). In addition, the MOV agrees that there shall be no discharge of waste streams to the WWTP at the Main Operational Area, except for those facilities with a direct connection to the WWTP until:

A risk assessment in accordance with CERCLA is completed and either the PREQB or USEPA concur that NFA is required, allowing for unrestricted use

A ROD is signed that sets forth less stringent land use restrictions

The Navy completes remedial actions in accordance with CERCLA and other applicable laws that will allow unrestricted use

Prohibited waste stream discharge sources include, but are not limited to any septic tank systems present on the land conveyed to the MOV by the Navy, except for an area within the Main Operational Area where access and use are prohibited. The MOV agrees that use of and access to this area is strictly prohibited until either:

A risk assessment in accordance with CERCLA is completed and either the PREQB or USEPA concur that NFA is required, allowing for unrestricted use

A ROD is signed that sets forth less stringent land use restrictions

The Navy completes remedial actions in accordance with CERCLA and other applicable laws that will allow unrestricted use

The Navy also retains a 50-foot ingress/egress easement to the Main Operational Area. Figure 4-4 shows the boundary of the Main Operational Area, including the 50-foot ingress/egress easement. In addition, the area where access and use are prohibited within the

Main Operational Area are also shown on Figure 4-4. The Main Operational Area comprises an area of 21.7 acres.

4.1.5 SWMU 7, Quebrada Landfill

As agreed by the MOV, the land use restrictions that apply to SWMU 7 are the same as those described above for AOC H (strict prohibition of use of and access to parcel). Figure 4-5 shows the boundary of SWMU 7, including the 50-foot ingress/egress easement. SWMU 7 comprises an area of 10.0 acres.

4.1.6 AOC R, Former Staging and Operations Area

As agreed by the MOV, the land use restrictions that apply to AOC R are the same as those described above for AOC I (restricted to non-residential use), except for two areas within AOC R, where access and use are prohibited. The MOV agrees that use of and access to these two areas are strictly prohibited until either:

A risk assessment in accordance with CERCLA is completed and either the PREQB or USEPA concur that NFA is required, allowing for unrestricted use

A ROD is signed that sets forth less stringent land use restrictions

The Navy completes remedial actions in accordance with CERCLA and other applicable laws that will allow unrestricted use

Figure 4-6 shows the boundary of AOC R, including the 50-foot ingress/egress easement. In addition, the two areas within AOC R where access and use are prohibited are also shown on Figure 4-6. AOC R comprises an area of 12.0 acres.

4.1.7 SWMU 5, IRFNA/MAF-4 Site

As agreed by the MOV, the land use restrictions that apply to SWMU 5 are the same as those described above for AOC H (strict prohibition of use of and access to parcel) and the Navy retains several 50-foot easements to this parcel. Figure 4-7 shows the boundary of SWMU 5 and the associated easements. SWMU 5 comprises an area of 2.28 acres, and the combined area of the easements is 0.4 acres.

4.1.8 AOC J, Former Staging Area Disposal Site

AOC J is located within the property to be retained by the U.S. Government (to be administered by the DOI). According to the Deed, the Government retains an access easement for AOC J. Figure 4-8 shows the location of the access easement. The area of this easement is 0.755 acres.

4.1.9 SWMU 4, Inactive Waste Explosive OB/OD Range

Similar to AOC J, SWMU 4 is located within the property to be retained by the U.S. Government (to be administered by the DOI). According to the Deed, the Government retains an access easement for SWMU 4. Figure 4-9 shows the location of the access easement. The area of this easement is 5.465 acres.

4.1.10 SWMU 6, Mangrove Disposal Site

Similar to SWMU 4, SWMU 6 is located within the property to be retained by the U.S. Government (to be administered by the DOI). According to the Deed, the Government retains an access easement for SWMU 6. Figure 4-10 shows the location of the access easement. The area of this easement is 7 acres.

4.2 Other Restrictions of Deed

Other restrictions set forth in the Deed that apply to the MOV, its lessees, licensees, successors, or assignees to any interest in any of the IR sites are listed below:

The MOV shall not construct or permit to construct any well, and shall not extract, utilize, consume, or permit to be extracted any water from the aquifer below the surfaces of the ground at or within 2,000 feet of the boundary of an IR site for the purpose of human consumption, or other use. This restriction shall remain in force until either:

1. A risk assessment in accordance with CERCLA is completed by the Navy and either the PREQB or USEPA concur that no further action is required allowing for unrestricted use
2. A ROD is signed that sets forth less stringent land use restrictions
3. The Navy completes remedial actions in accordance with CERCLA and other applicable laws that will allow unrestricted use

The MOV shall not excavate or conduct any other soil disturbing activities within those areas of known or suspected surface or subsurface soil contamination identified in the Expanded PA/SI and EBS provided to the MOV, without prior written approval of the Navy.

The MOV shall not undertake any alterations, additions, excavations, improvements to, installation upon, or otherwise modify or alter the areas associated with the IR program without written approval by the Navy Remedial Project Manager for NASD Vieques.

The MOV shall cooperate in good faith to minimize any conflict between necessary environmental investigation and remediation activities, and the operations and construction activities of the MOV.

The MOV will allow for the initiation and completion of all necessary response or remedial activities to address contaminated areas.

The MOV will comply with the health and safety requirements of 29 CFR 1910.120 regarding the investigation and remediation of the IR sites.

If the MOV seeks a response action from the Navy on the former NASD, the MOV will:

- Notify the Navy in writing in accordance with Section 4.3 below
- Furnish copies of pertinent papers that the MOV receives to the Navy

Notwithstanding any other rights granted in the Deed, the MOV's use of any portion of an IR site must be consistent with any property use restrictions identified in any CERCLA RODs for NASD Vieques issued by the PREQB and the Navy. The Navy will ensure that the MOV is provided a copy of all RODs.

4.3 Notification Requirements

The notifications set forth in the Deed that apply to the MOV and the Navy are listed below:

If the MOV seeks a response action from the Navy on the former NASD, the MOV will:

- Notify the Navy in writing within ninety (90) days after learning of any previously unidentified condition at the former NASD that suggests a response action is necessary, or within ninety (90) days after receiving notice of a claim by federal, state, or local regulators, or third parties of any condition at the former NASD that suggests a response action is necessary. If the MOV is served with any complaint or written notice of a claim by the federal, state, or local regulators, the served party shall provide the Navy with a copy of such document no later than fifteen (15) days following service of such document.

If the Navy seeks access to the MOV property the Navy will:

- Provide a written request to the MOV for reasonable access to the records and personnel of the MOV for the purposes of defending, or resolving the need for additional response action.

Provide a written request to MOV for reasonable access to the property of the MOV for purposes of performing a response action on the former NASD or on adjoining property.

Upon being provided reasonable advance notice by the Navy, the MOV will not interfere with the ability of the Navy, its agents, or contractors to establish and maintain for the purposes of future environmental investigations and response, or remedial activities certain designated areas for, but not limited to, monitoring and response or remediation, well sites and related sampling stations, decontamination facilities and treatability study sites.

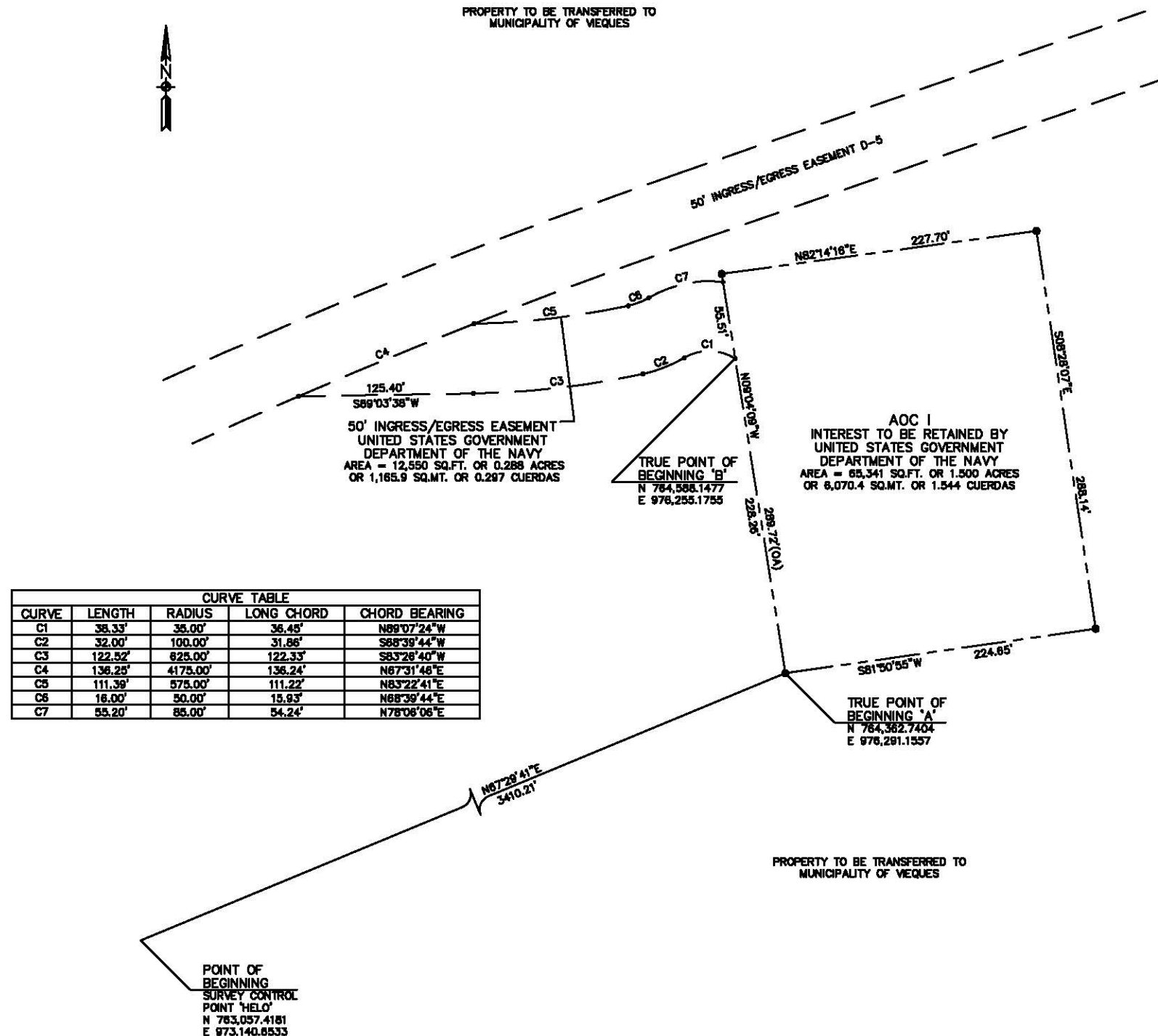
4.4 Property Release Process

The land use restrictions described above regarding the use of the former NASD property have been determined by the Navy in the *Quitclaim Deed* to be reasonably necessary to protect present or future human health or safety or the environment as provided by CERCLA. These restrictions shall be binding on the MOV, its successors and assigns. They shall remain in force until such time that the Navy has obtained written confirmation from the Commonwealth of Puerto Rico that the appropriate regulatory agency has determined that, in view of the selected remedy, the condition of the restricted property is protective of present or future human health or safety or the environment for the use that was formerly prohibited.

When the Navy receives such written confirmation from the Commonwealth of Puerto Rico, the Navy shall deliver to the MOV in written form, a release relating specifically to the environmental use restrictions set forth in the Deed. The Navy's execution of the release will

in effect remove the subject restrictions relating to the remedy addressed by the restrictions from the title to the MOV parcel (former NASD property). Additionally, when the Navy has completed all response action necessary to protect human health and the environment with respect to any substance remaining on the property on the date of transfer, the Navy shall execute and deliver to the MOV an appropriate document containing a warranty that all such response action has been taken and that the requirements of Section 120(h)(3)(a)(ii)(I) of CERCLA have been satisfied.

The Deed includes an assurance from the Navy that it will take all necessary response action at the former NASD property as provided by Section 120(h)(3)(C)(ii)(II) of CERCLA . The schedule for the planned remedial investigations and necessary response actions is provided in *Section 5* of this SMP, and the Navy will provide updates to this schedule on an annual basis.



CERTIFICATION

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Date :

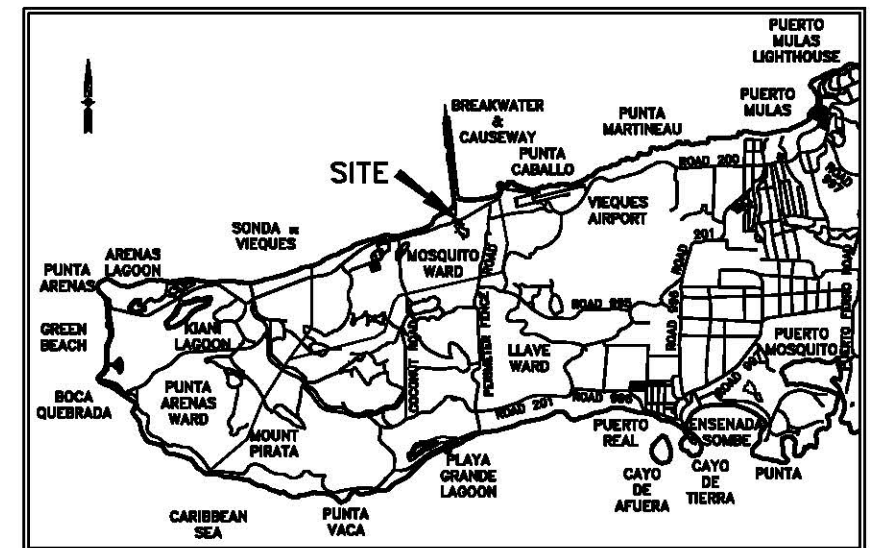
LUIS BERRIOS MONTES
Surveyor License No. 6889

LUIS BERRIOS MONTES
Professional Seal, No. 6889, State of PR
Exp. Date: 12/31/2010
P. O. Box 4487 Vega Baja, P. R.

Signature
00861-1005



GLENN & SADLER
Associates, Inc.
1000 N. Highway 100
Suite 100
San Juan, P.R. 00907
Tel: 787-461-1113



LOCATION MAP

NOT TO SCALE

SURVEY NOTES:

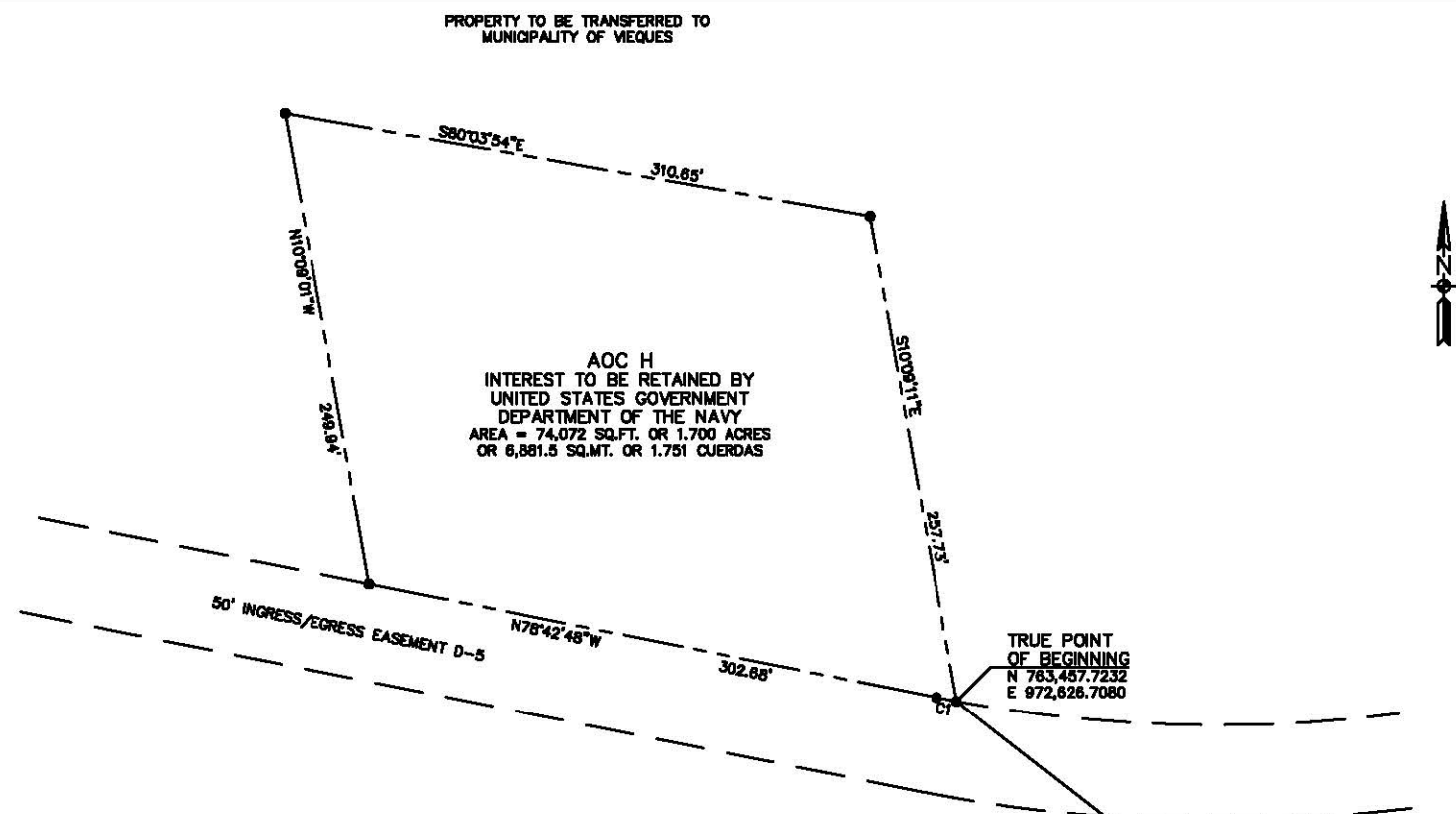
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LEGEND

IRON ROD AND CAP SET
PROPERTY LINE
EASEMENT LINE
POINT ON EASEMENT

1"=50' 0' 50' 100' 150' 200' 250'

FIGURE 4-1
SITE LOCATION MAP-AOC-I
VIEQUES ISLAND, PUERTO RICO



CURVE TABLE				
CURVE	LENGTH	RADIUS	LONG CHORD	CHORD BEARING
C1	10.75'	750.00'	10.75'	N79°07'27"W

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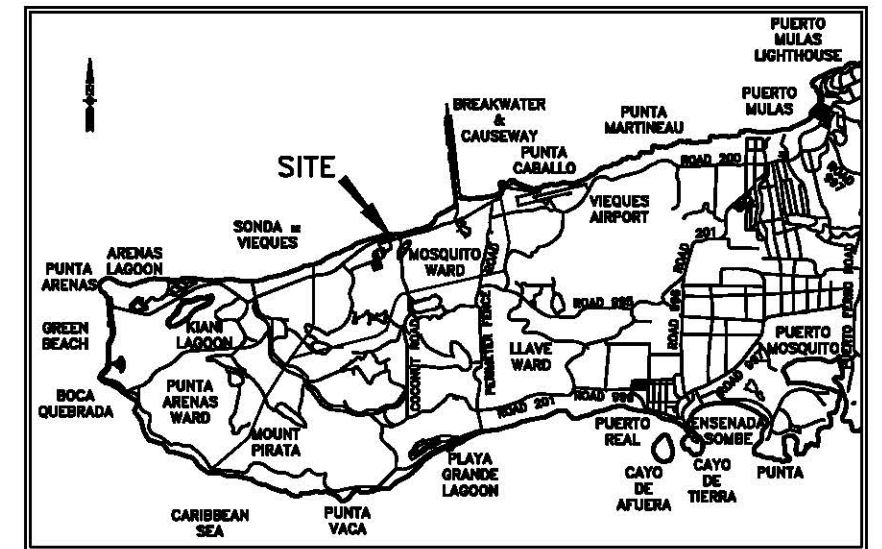
Date :

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P. O. Box 4007 Vega Baja, P. R.

Luis Berrios Montes
Surveyor

GLENN & SADLER
Surveyors & Engineers, Inc.
P.O. Box 1118
San Juan, P.R. 00901



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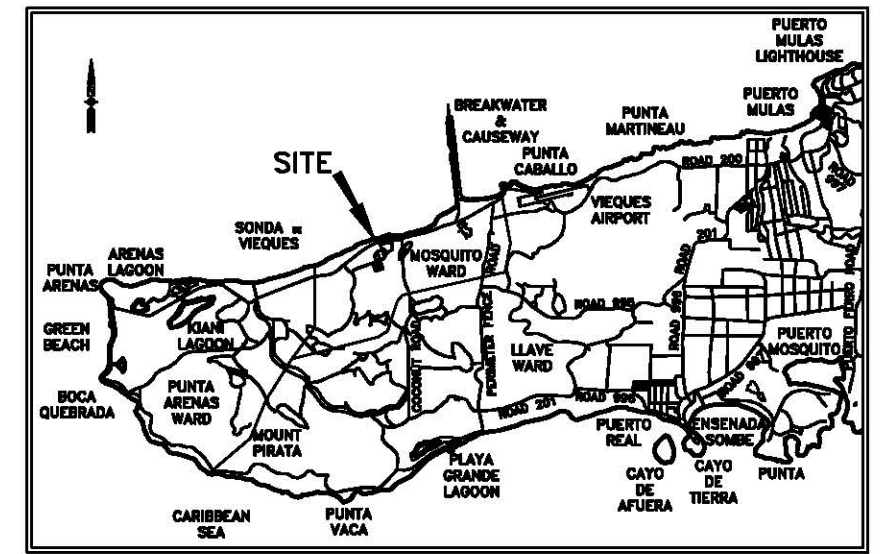
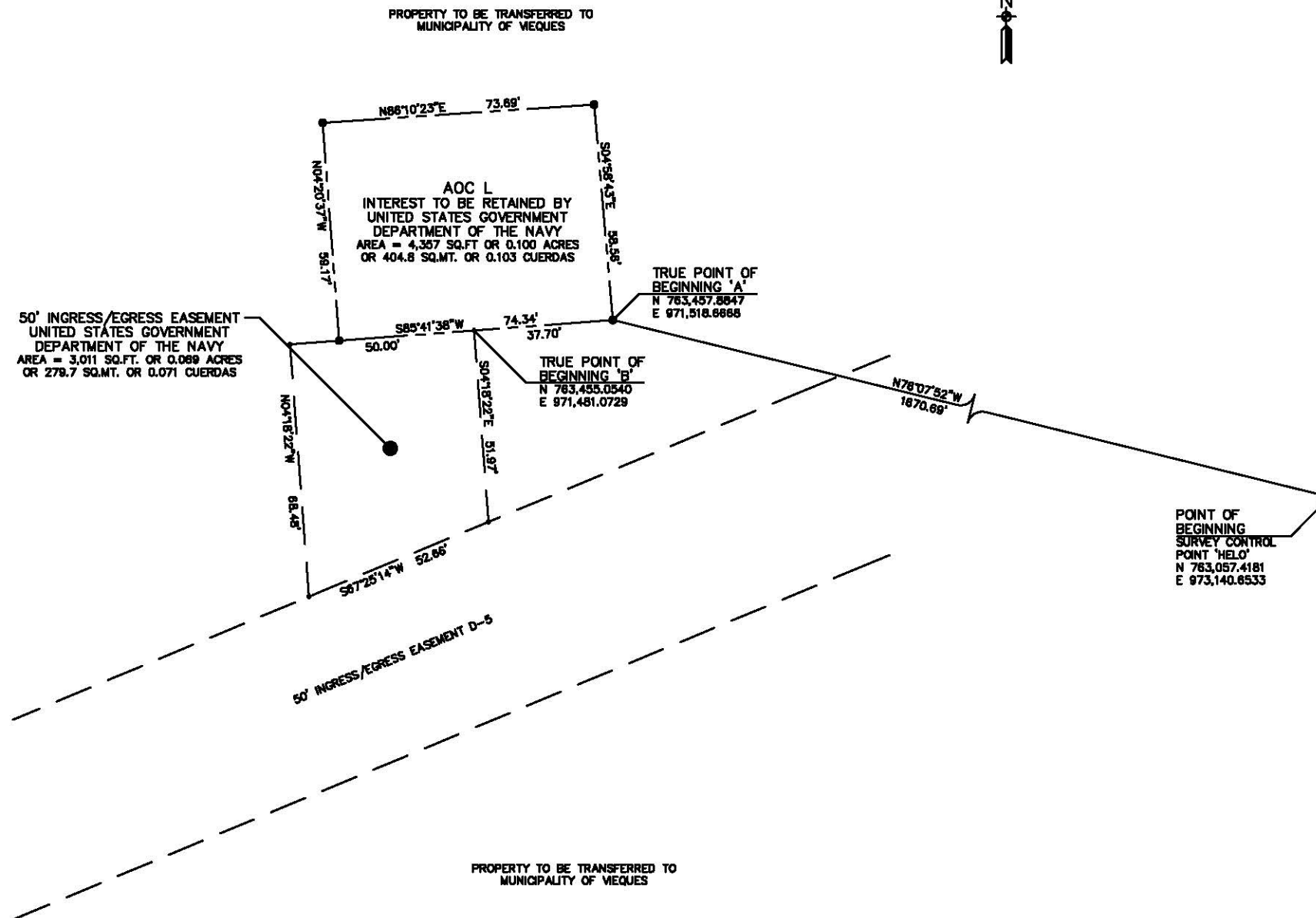
LEGEND

PROPERTY LINE ————
EASEMENT LINE ————
IRON ROD AND CAP SET ●

POINT OF BEGINNING
SURVEY CONTROL
POINT 'HELO'
N 783,057.4181
E 973,140.8533

1"=50' 0' 50' 100' 150' 200' 250'

FIGURE 4-2
SITE LOCATION MAP-AOC-H
VIEQUES ISLAND, PUERTO RICO



LOCATION MAP
NOT TO SCALE

SURVEY NOTES:

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LEGEND

- IRON ROD AND CAP SET
- PROPERTY LINE
- EASEMENT LINE
- POINT ON EASEMENT

CERTIFICATION

I, LUIS BERRIOS MONTES, CERTIFY THAT THE INFORMATION THAT FOLLOWS REPRESENTS FAITHFULLY WHAT I FOUND PHYSICALLY ON THE GROUND AND/OR BY THE INVESTIGATIONS THAT HAD BEEN MADE BY ME.

Date :

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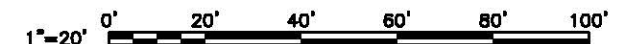
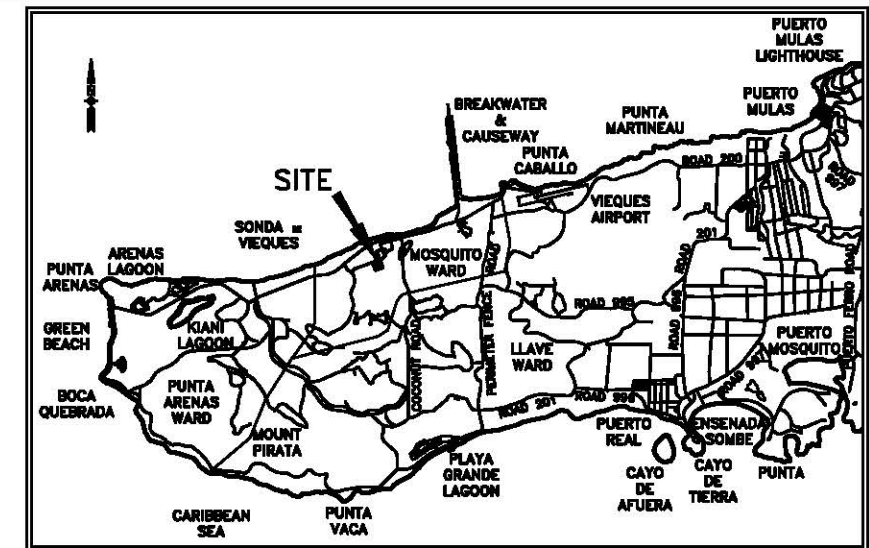
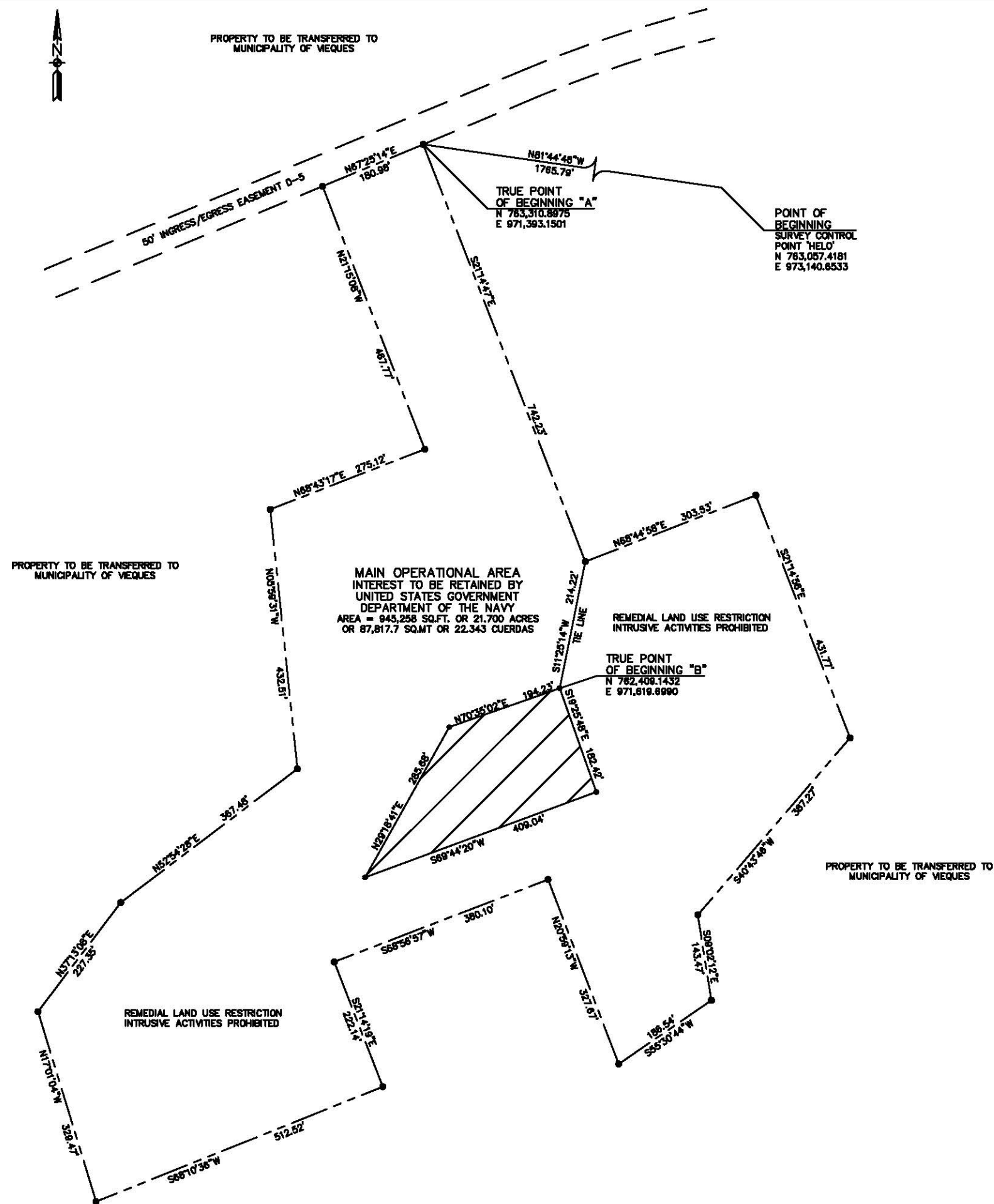


FIGURE 4-3
SITE LOCATION MAP-AOC-L
VIEQUES ISLAND, PUERTO RICO



LOCATION MAP

NOT TO SCALE

SURVEY NOTES:

1. BOUNDARY SURVEY PREPARED BY GLENN & SADLER ASSOCIATES, INC. FROM FIELD DATA COLLECTED IN SEPTEMBER 2000. FIELD PROCEDURES, CALCULATIONS AND FINAL PLAT HAVE BEEN REVIEWED FOR CONTENT BY LUIS BERRIOS MONTES & ASSOCIATES OF BAYAMON, PUERTO RICO.
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LEGEND

PROPERTY LINE	---
EASEMENT LINE	---
IRON ROD AND CAP SET	•
POINT ON EASEMENT	•
REMEDIAL LAND USE RESTRICTION ACCESS AND USE PROHIBITED	

CERTIFICATION

I, LUIS BERRIOS MONTES, CERTIFY THAT THE INFORMATION THAT FOLLOWS REPRESENTS FAITHFULLY WHAT I FOUND PHYSICALLY ON THE GROUND AND/OR BY THE INVESTIGATIONS THAT HAD BEEN MADE BY ME.

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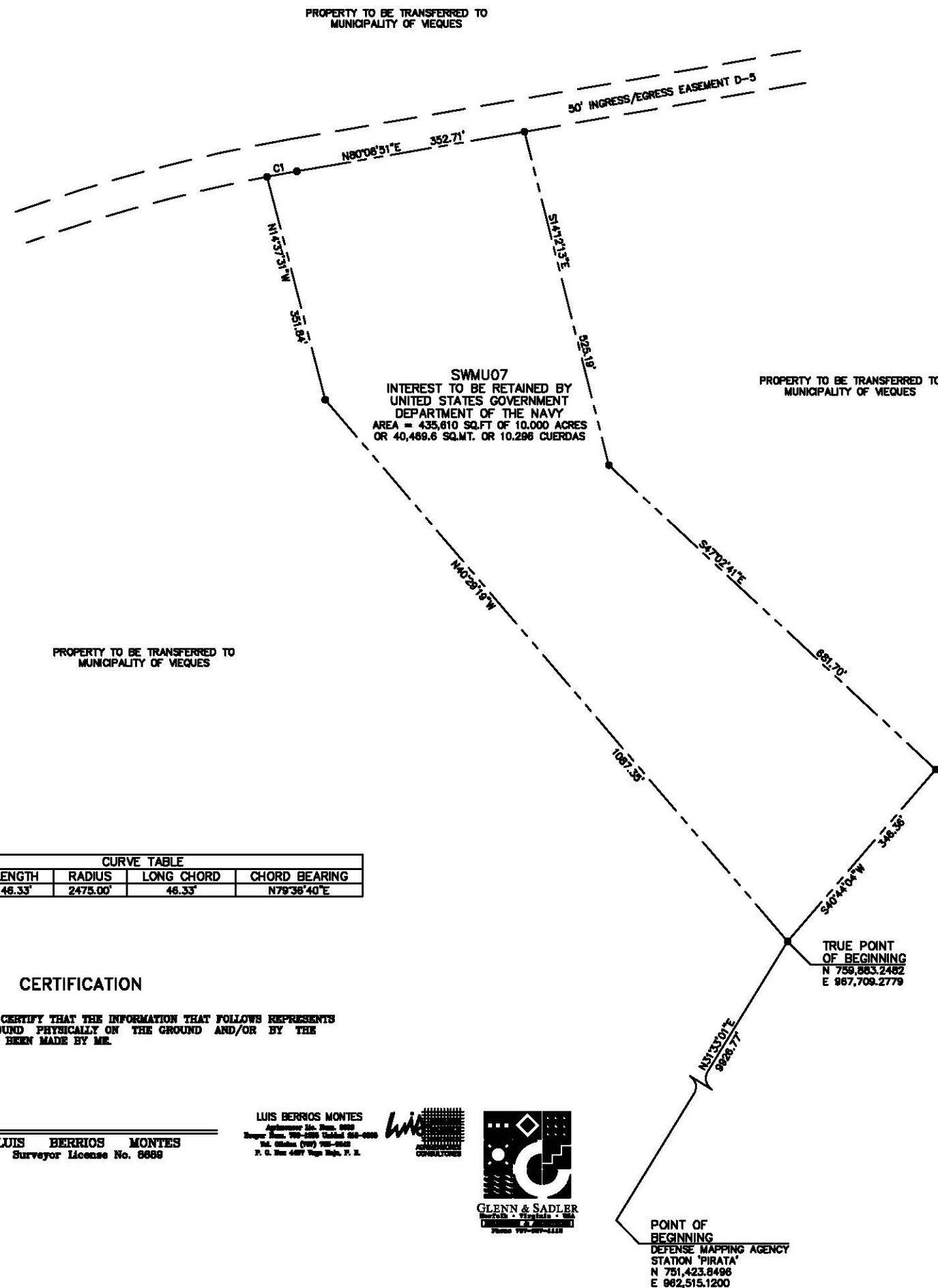
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Page 1 of 1



1"=100' 0' 100' 200' 300' 400' 500'

FIGURE 4-4
SITE LOCATION-AOC-B,C,E,F,K,10,14,15
VIEQUES ISLAND, PUERTO RICO



CURVE TABLE				
CURVE	LENGTH	RADIUS	LONG CHORD	CHORD BEARING
C1	46.33'	2475.00'	46.33'	N79°36'40"E

CERTIFICATION

I, LUIS BERRIOS MONTES, CERTIFY THAT THE INFORMATION THAT FOLLOWS REPRESENTS FAITHFULLY WHAT I FOUND PHYSICALLY ON THE GROUND AND/OR BY THE INVESTIGATIONS THAT HAD BEEN MADE BY ME.

Date :

LUIS BERRIOS MONTES
Surveyor License No. 6666

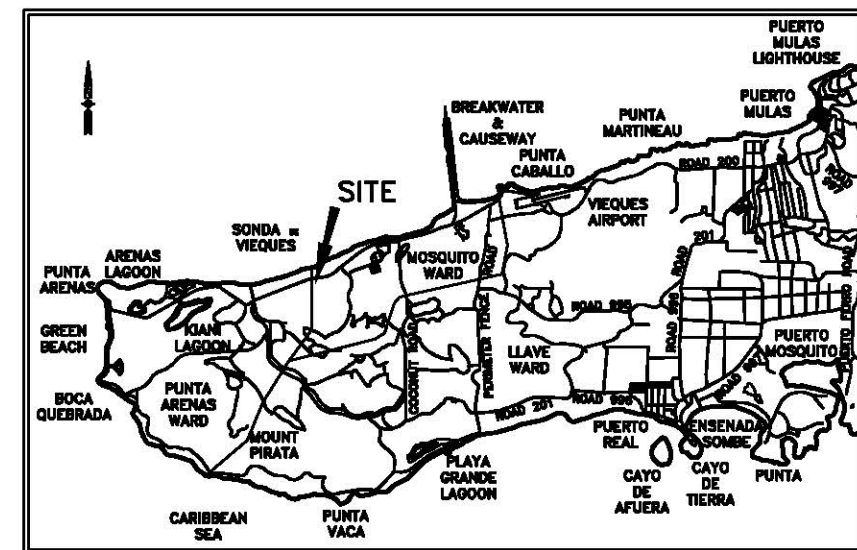
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P. O. Box 4097 Vega Baja, P. R.

GLINN & SADLER
Associates, Inc.
Surveyors & Engineers
P.O. Box 11111
San Juan, P.R. 00911



1"=100' 0' 100' 200' 300' 400' 500'

FIGURE 4-5
SITE LOCATION MAP-SWMU 7
VIEQUES ISLAND, PUERTO RICO



LOCATION MAP
NOT TO SCALE

SURVEY NOTES:

- BOUNDARY SURVEY PREPARED BY GLENN & SADLER ASSOCIATES, INC. FROM FIELD DATA COLLECTED IN SEPTEMBER 2000. FIELD PROCEDURES, CALCULATIONS AND FINAL PLAT HAVE BEEN REVIEWED FOR CONTENT BY LUIS BERRIOS MONTES & ASSOCIATES OF BAYAMON, PUERTO RICO.
- HORIZONTAL COORDINATES SHOWN HEREON ARE IN FEET AND REFER TO THE PUERTO RICO/VIRGIN ISLAND STATE PLANE COORDINATE SYSTEM, NAD 83 (1987 ADJUSTMENT). HORIZONTAL COORDINATES WERE DERIVED USING DUAL FREQUENCY GPS RECEIVERS AND ARE REFERENCED TO NATIONAL GEODETIC SURVEY MONUMENTS VIEQUES (PID AB 9849) AND FRIO (PID 9848).
- THIS PLAT MAY NOT SHOW ALL PARCELS OR EASEMENTS THAT COULD AFFECT SUBJECT PLAT. REFER TO "OVERALL LOCATION SURVEY" NAVFAC DRAWING NUMBER 4423030 FOR THE LOCATION OF PARCELS AND EASEMENTS SURVEYED BY GLENN & SADLER OF NORFOLK, VIRGINIA AND LUIS BERRIOS MONTES & ASSOCIATES OF BAYAMON, PUERTO RICO DURING THE LAND TRANSFER AND DISPOSAL OF NASD VIEQUES.

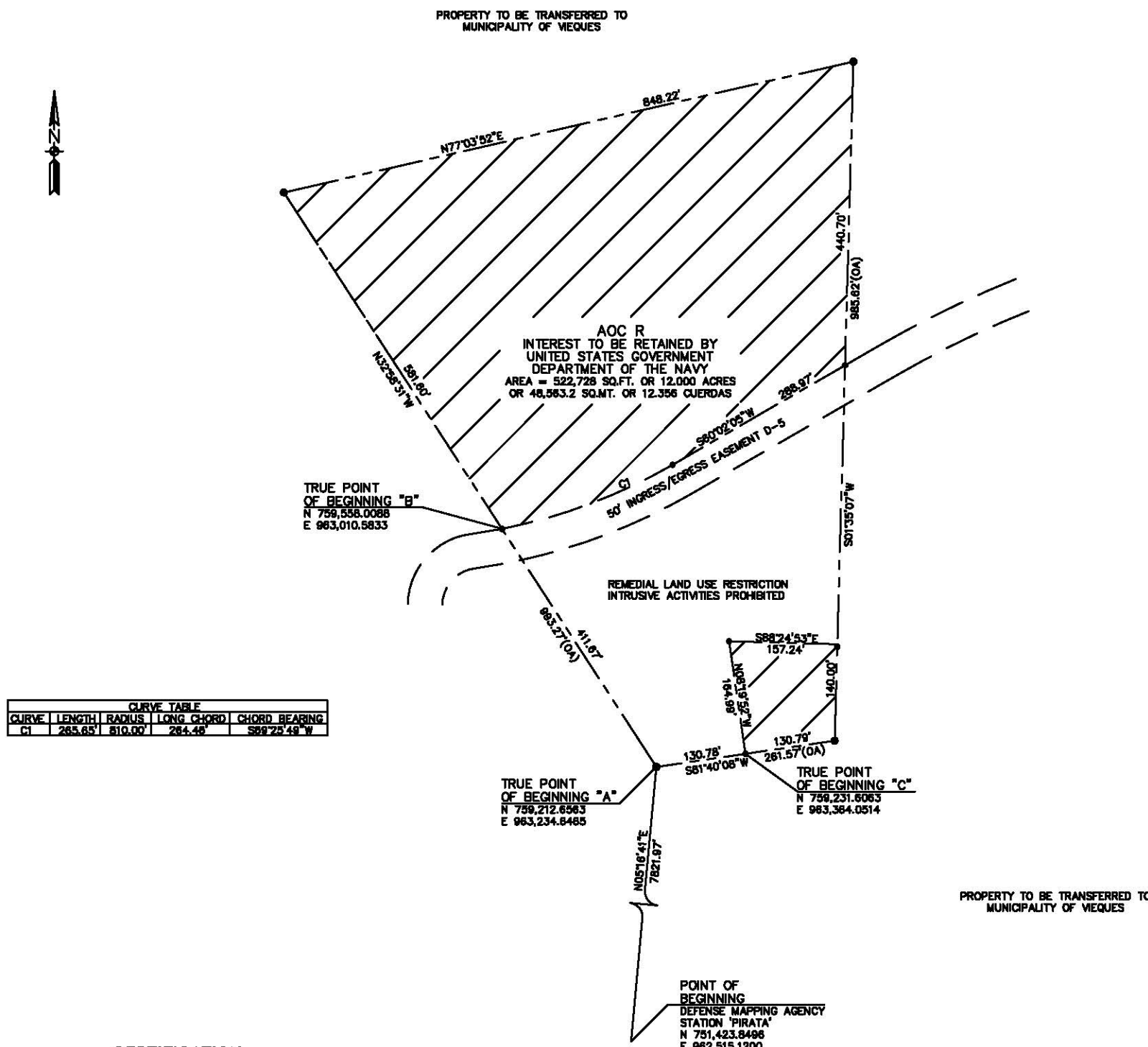
LEGEND

IRON ROD AND CAP SET

PROPERTY LINE

EASEMENT LINE





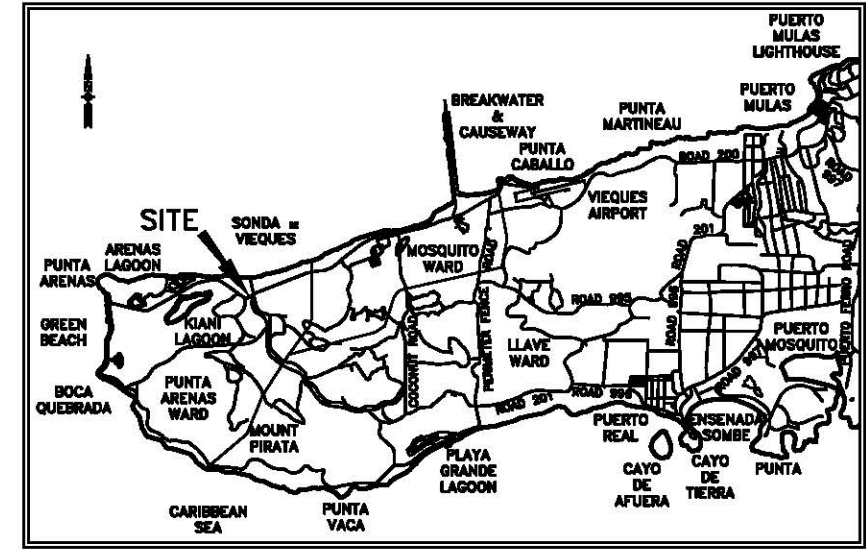
CURVE TABLE				
CURVE	LENGTH	RADIUS	LONG CHORD	CHORD BEARING
C1	265.65'	810.00'	264.48'	S89°25'49" W

CERTIFICATION

I, LUIS BERRIOS MONTES, CERTIFY THAT THE INFORMATION THAT FOLLOWS REPRESENTS FAITHFULLY WHAT I FOUND PHYSICALLY ON THE GROUND AND/OR BY THE INVESTIGATIONS THAT HAD BEEN MADE BY ME.

Date : _____
LUIS BERRIOS MONTES
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LUIS BERRIOS MONTES
Professional Seal
Surveyor License No. 5689
P. O. Box 4407 Vega Baja, P. R.



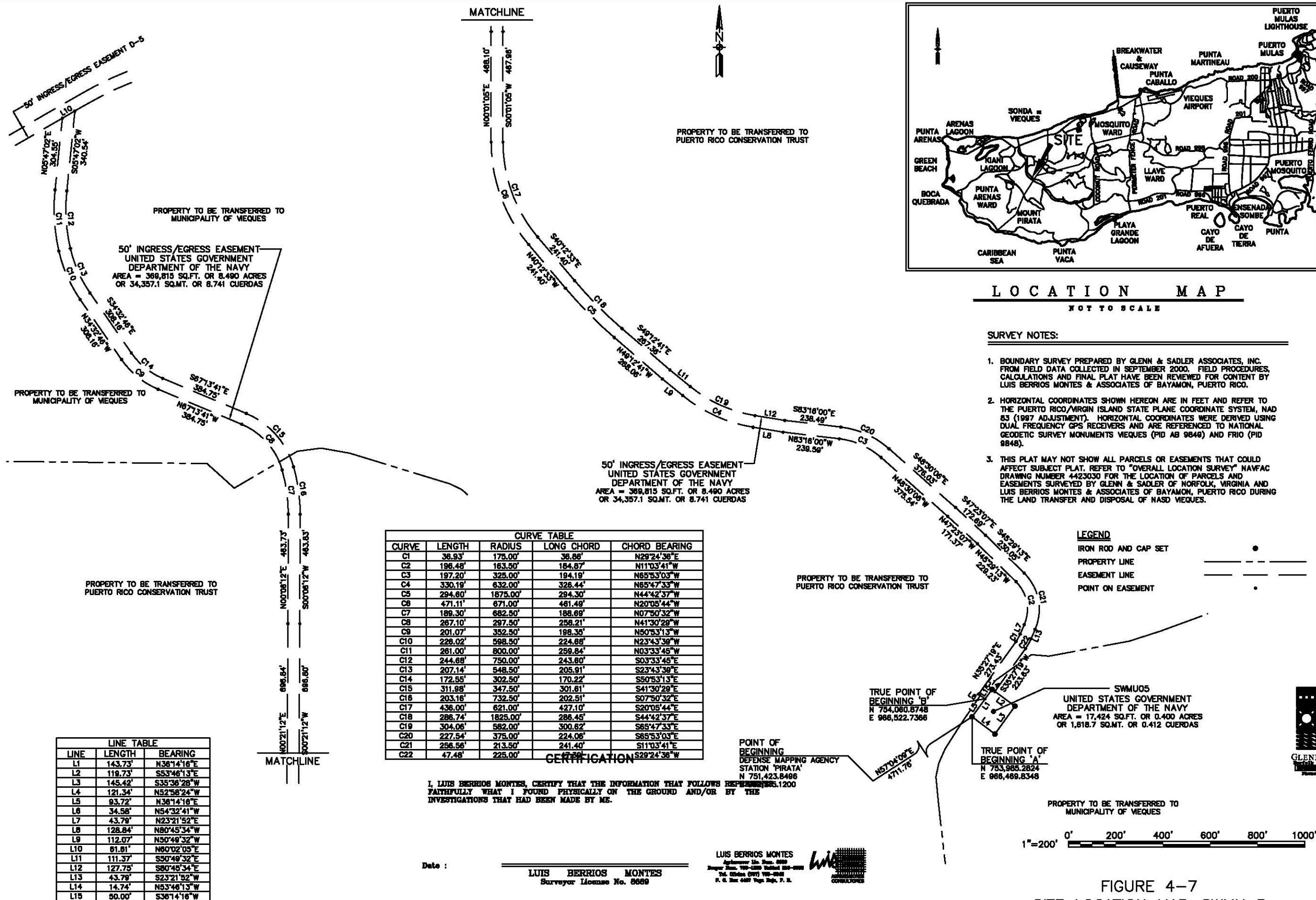
- SURVEY NOTES:**
- BOUNDARY SURVEY PREPARED BY GLENN & SADLER ASSOCIATES, INC. FROM FIELD DATA COLLECTED IN SEPTEMBER 2000. FIELD PROCEDURES, CALCULATIONS AND FINAL PLAT HAVE BEEN REVIEWED FOR CONTENT BY LUIS BERRIOS MONTES & ASSOCIATES OF BAYAMON, PUERTO RICO.
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 - PROPERTY IS SUBJECT TO 50' INGRESS/EGRESS EASEMENT D-5 AS SHOWN ON PLAT LABELED "50' INGRESS/EGRESS EASEMENT D-5" PREPARED BY GLENN & SADLER ASSOCIATES, INC. OF NORFOLK, VIRGINIA AND LUIS BERRIOS MONTES & ASSOCIATES OF BAYAMON, PUERTO RICO.
 - THIS PLAT MAY NOT SHOW ALL PARCELS OR EASEMENTS THAT COULD AFFECT SUBJECT PLAT. REFER TO "OVERALL LOCATION SURVEY" NAVFAC DRAWING NUMBER 4423030 FOR THE LOCATION OF PARCELS AND EASEMENTS SURVEYED BY GLENN & SADLER OF NORFOLK, VIRGINIA AND LUIS BERRIOS MONTES & ASSOCIATES OF BAYAMON, PUERTO RICO DURING THE LAND TRANSFER AND DISPOSAL OF NASD VIEQUES.

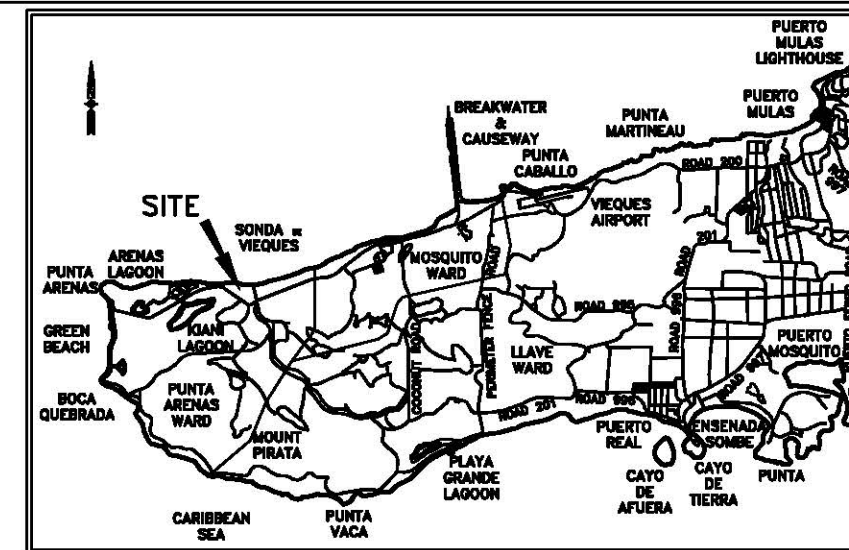
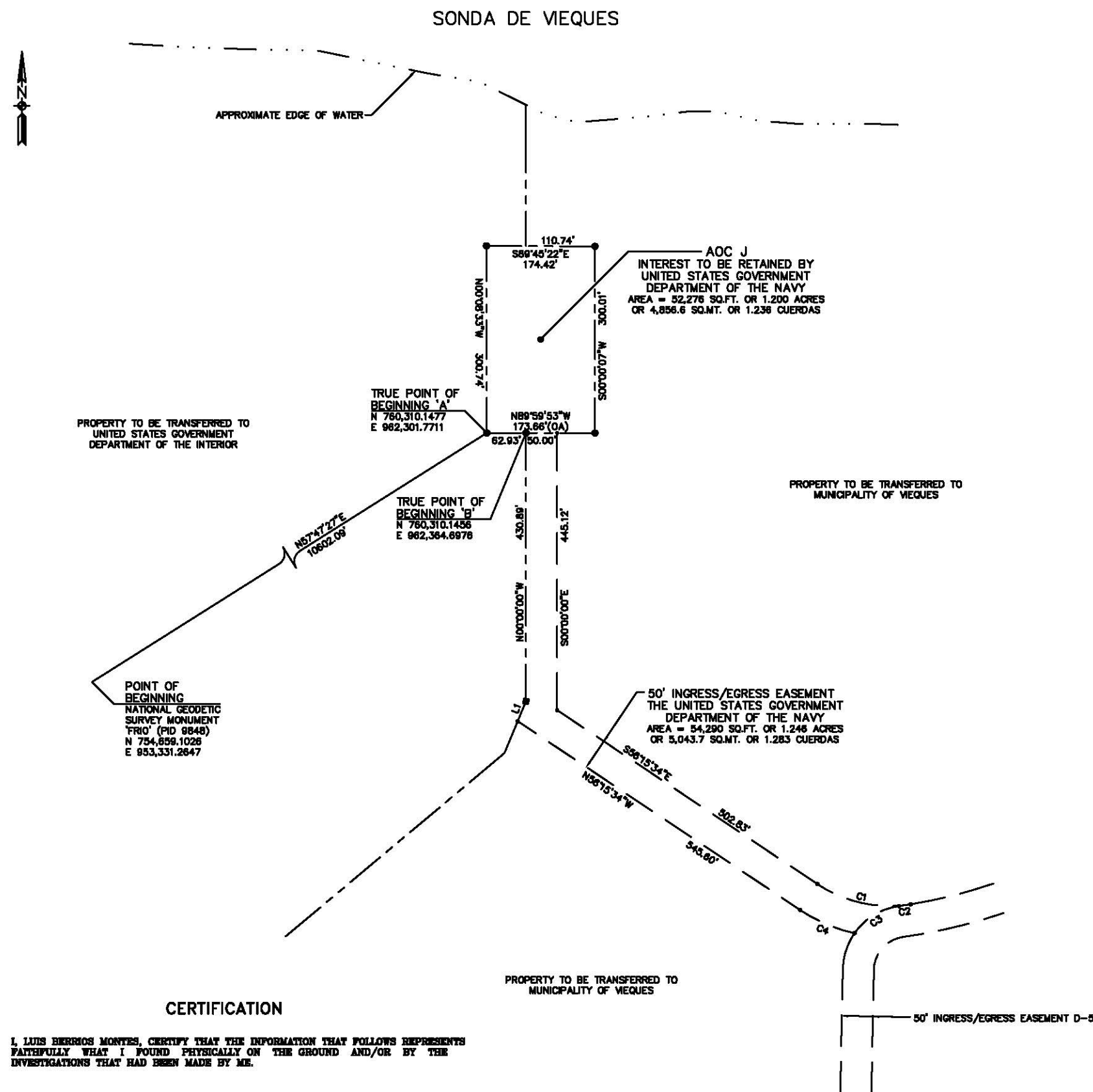
LEGEND

PROPERTY LINE	---
EASEMENT LINE	---
IRON ROD AND CAP SET	•
POINT ON EASEMENT	•
OVERALL DISTANCE	(OA)
REMEDIAL LAND USE RESTRICTION ACCESS AND USE PROHIBITED	



FIGURE 4-6
SITE LOCATION MAP-SWMU R
VIEQUES ISLAND, PUERTO RICO





SURVEY NOTES:

- BOUNDARY SURVEY PREPARED BY GLENN & SADLER ASSOCIATES, INC. FROM FIELD DATA COLLECTED IN SEPTEMBER 2000. FIELD PROCEDURES, CALCULATIONS AND FINAL PLAT HAVE BEEN REVIEWED FOR CONTENT BY LUIS BERRIOS MONTES & ASSOCIATES OF BAYAMON, PUERTO RICO.
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CURVE TABLE				
CURVE	LENGTH	RADIUS	LONG CHORD	CHORD BEARING
C1	157.36'	210.00'	153.71'	S77°43'38"E
C2	19.11'	810.00'	19.11'	S81°28'55"W
C3	86.04'	104.51'	83.63'	S58°34'24"W
C4	95.94'	280.00'	95.40'	N66°49'49"W

LINE TABLE		
LINE	LENGTH	BEARING
L1	34.72'	N22°34'45"E

LEGEND

CONCRETE MONUMENT SET	■
IRON ROD AND CAP SET	●
POINT ON EASEMENT	•
PROPERTY LINE	---
EASEMENT LINE	---
OVERALL DISTANCE	(OA)

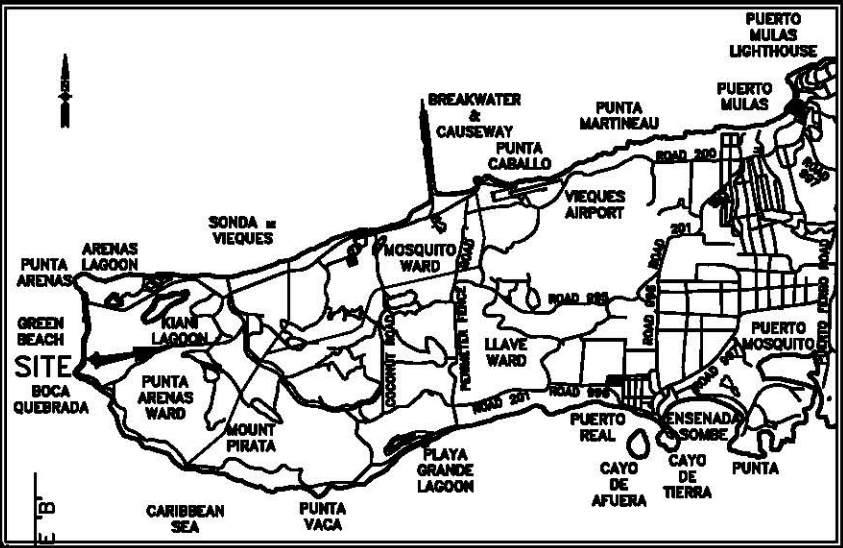


FIGURE 4-8
SITE LOCATION MAP-SWMU J
VIEQUES ISLAND, PUERTO RICO

CURVE TABLE				
CURVE	LENGTH	RADIUS	LONG CHORD	CHORD BEARING
C1	56.75'	3000.00'	56.75'	N08°05'48"W

LINE TABLE		
LINE	LENGTH	BEARING
L1	39.25'	N53°40'46"E
L2	94.87'	S59°19'58"E
L3	70.53'	S70°30'29"E
L4	50.17'	S32°38'58"W
L5	56.92'	N70°30'29"W
L6	82.17'	N59°19'59"W
L7	83.21'	S53°40'46"W

LEGEND	
CONCRETE MONUMENT SET	■
IRON ROD AND CAP SET	●
POINT ON EASEMENT	•
PROPERTY LINE	— — — — —
EASEMENT LINE	— — — — —



LOCATION MAP
NOT TO SCALE

- SURVEY NOTES:**
- BOUNDARY SURVEY PREPARED BY GLENN & SADLER ASSOCIATES, INC. FROM FIELD DATA COLLECTED IN SEPTEMBER 2000. FIELD PROCEDURES, CALCULATIONS AND FINAL PLAT HAVE BEEN REVIEWED FOR CONTENT BY LUIS BERRIOS MONTES & ASSOCIATES OF BAYAMON, PUERTO RICO.
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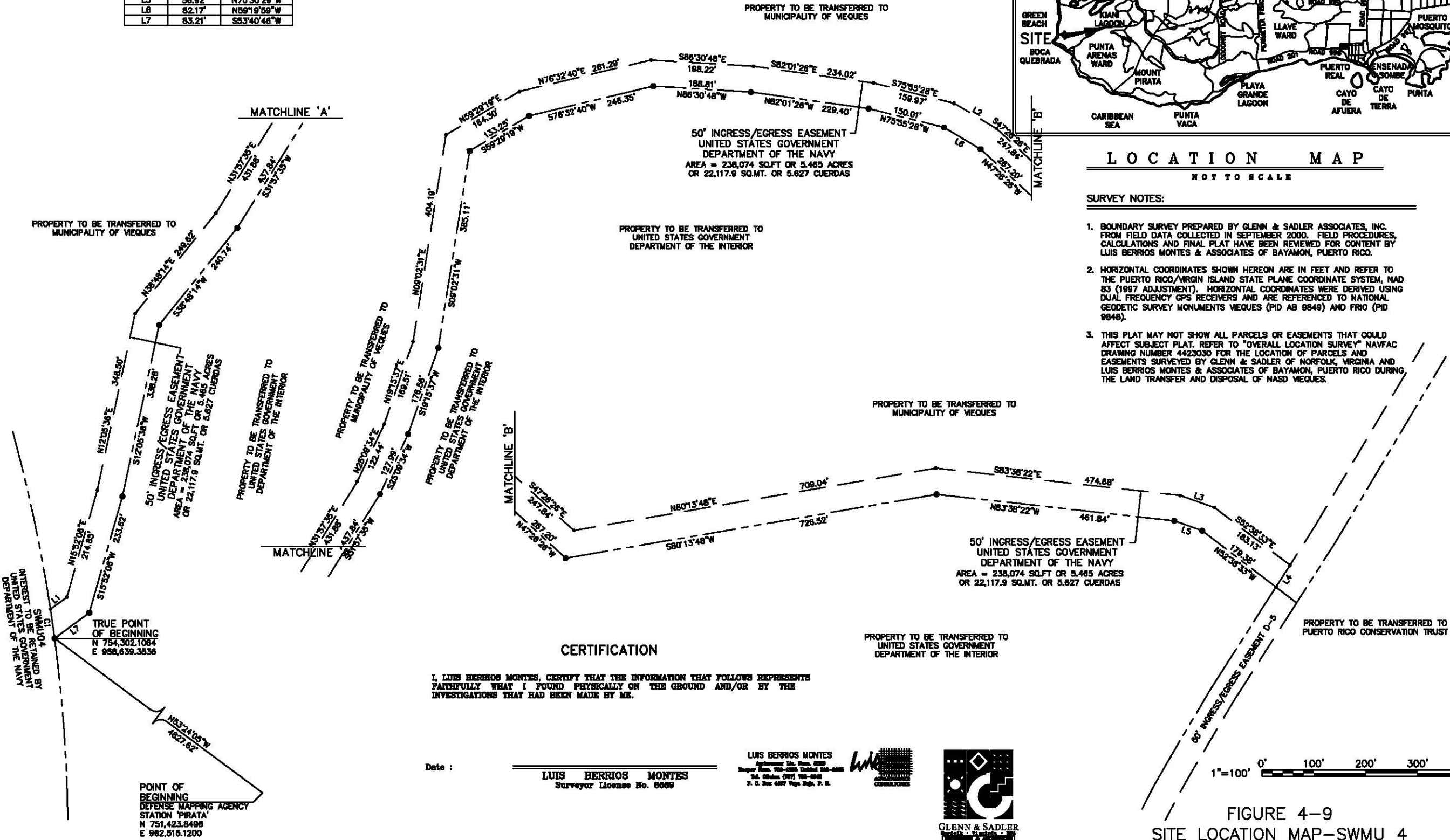


FIGURE 4-9
SITE LOCATION MAP-SWMU 4
VIEQUES ISLAND, PUERTO RICO

PROPERTY TO BE TRANSFERRED TO
UNITED STATES GOVERNMENT
DEPARTMENT OF THE INTERIOR



POINT OF BEGINNING
NATIONAL GEODETIC
SURVEY MONUMENT
'FRIO' (PID 9848)
N 754,659.1026
E 953,331.2647

LINE TABLE		
LINE	LENGTH	BEARING
L1	48.13'	N08°00'28"W
L2	7.58'	N16°15'22"W
L3	19.84'	S00°00'00"W
L4	34.72'	S22°34'45"W

CURVE TABLE				
CURVE	LENGTH	RADIUS	LONG CHORD	CHORD BEARING
C1	239.85'	700.00'	258.36'	N71°53'20"E
C2	189.16'	225.00'	185.21'	S75°58'17"E
C3	131.57'	175.00'	128.50'	N75°56'17"W
C4	241.28'	650.00'	239.90'	S71°53'20"W

CERTIFICATION

I, LUIS BERRIOS MONTES, CERTIFY THAT THE INFORMATION THAT FOLLOWS REPRESENTS
FAITHFULLY WHAT I FOUND PHYSICALLY ON THE GROUND AND/OR BY THE
INVESTIGATIONS THAT HAD BEEN MADE BY ME.

Date :

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Surveyor License No. 8688

LUIS BERRIOS MONTES
Professional Seal No. 8688
Surveyor License No. 8688
P. O. Box 4897 Vega Baja, P. R.

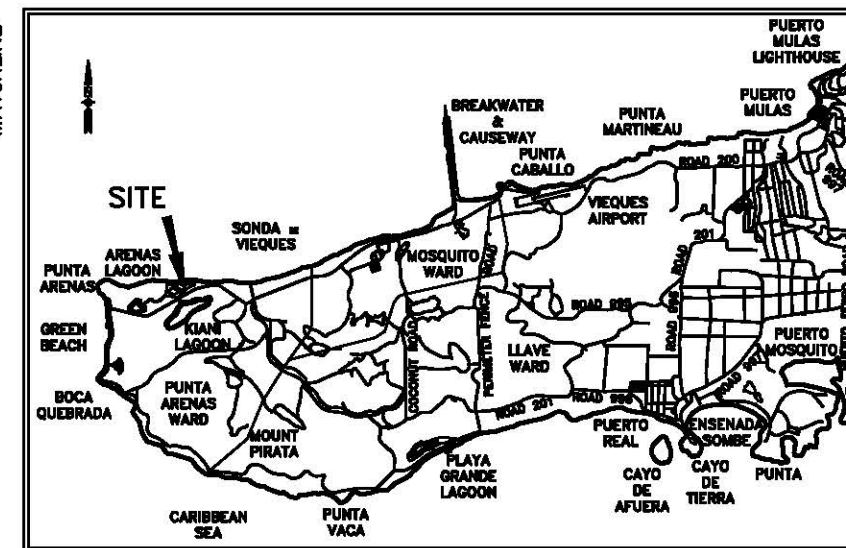


LEGEND

PROPERTY LINE
EASEMENT LINE
CONCRETE MONUMENT SET
IRON ROD AND CAP SET
POINT ON EASEMENT
OVERALL DISTANCE

(OA)

1"=100' 0' 100' 200' 300' 400' 500'



LOCATION MAP

NOT TO SCALE

SURVEY NOTES:

- BOUNDARY SURVEY PREPARED BY GLENN & SADLER ASSOCIATES, INC. FROM FIELD DATA COLLECTED IN SEPTEMBER 2000. FIELD PROCEDURES, CALCULATIONS AND FINAL PLAT HAVE BEEN REVIEWED FOR CONTENT BY LUIS BERRIOS MONTES & ASSOCIATES OF BAYAMON, PUERTO RICO.
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PROPERTY TO BE TRANSFERRED TO
UNITED STATES GOVERNMENT
DEPARTMENT OF THE INTERIOR

50' INGRESS/EGRESS EASEMENT
UNITED STATES GOVERNMENT
DEPARTMENT OF THE NAVY
AREA = 186,593 SQ.FT. OR 4.146 AC
OR 16,777.7 SQ.MT. OR 4,289 CUERDAS

PROPERTY TO BE TRANSFERRED TO
MUNICIPALITY OF VIEQUES

FIGURE 4-10
SITE LOCATION MAP-SWMU 6
VIEQUES ISLAND, PUERTO RICO

SECTION 5

Site Management Plan Schedules and Funding

This section presents the SMP schedule and funding requirements for the seventeen sites at NASD under this program. Because the schedules of remedial activities are dependent upon the results of the site investigations, the schedule will be modified to reflect the most updated information to a specific site. In addition, the schedule is also dependent upon the funding that is available to the Navy for completing the tasks. The schedule will be re-evaluated on a semi-annual basis and updated for the SMP annually. Activities to be performed under the SMP are described below.

5.1 Team Partnering at NASD

The Navy has developed a TRC as part of the CRP that reviews environmental activities occurring within NASD. This committee is composed of residents of the local community and members of the municipal government. In addition, representatives from the regulatory agencies, representatives of local environmental protection groups and Navy officials are members of the TRC. *Section 1.3* contains more TRC member information.

The TRC will meet quarterly or following the submittal of a key project deliverable to discuss ongoing cleanup efforts, address concerns of the local community, and to obtain feedback from the various interested parties with regard to the documentation presented at these meetings. The next meeting of the TRC is scheduled for August, 2001.

5.2 Scheduling Assumptions

To provide a time table of events for the NASD, some basic assumptions were formulated that specify the time allotment necessary for individual tasks. These include field sampling changes/modifications, laboratory analysis, data interpretation, and data validation. In addition, report preparation, review, and submittal are contingent on timely USEPA review and comments.

5.2.1 Notification to MOV for Site Access

For all IR field activities, MOV will be notified by CH2M HILL at least 72 hours before field personnel access the IR sites.

5.2.2 Field Investigation and Laboratory Analysis/Validation

The time frame for a PA/SI field investigations is 60 days, but this assumption is only valid for environmental, non-OE/UXO investigations. For UXO investigations, the schedule depends on the estimated extent of UXO to be encountered and size of the site. At NASD, the

17 sites that have gone through the PA/SI process are the AOCs and SWMUs included in Phase I and Phase II investigations.

OE/UXO field investigations at NASD will be performed at sites SWMU 4, SWMU 6, and AOC J. For scheduling purposes, a 180-day time allotment is made to cover the field portion for each phase of the OE/UXO investigation of each site. The OE/UXO investigation will require a minimum of two phases, one phase to identify the location of the OE at the OB/OD pits and a second phase to assess the potential for OE “kick-outs” at a distance of up to 3000 feet away from the OB/OD pits. In addition to the UXO component, a subsequent environmental investigation will also be performed on these sites. The environmental component is estimated at 120 days for SWMU 4, and 60 days for SWMU 6 and AOC J.

The RI/FS component is performed after the PA/SI investigation. The sites that expected to require RI/FS are the following:

- SWMU 4
- SWMU 6
- SWMU 7
- AOC E
- AOC H
- AOC I
- AOC J

The field components of these actions are assumed to take 180 days to complete for each site.

Data reduction, validation, and reporting will ensure that all documents for the investigations can be accounted for when they are completed. Documents requiring accountability include logbooks, field data records, correspondence, Chain of Custody (COC) records, analytical reports, data packages, and reports. These tasks require 90 days to complete.

5.2.3 Document Preparation and Review

The Phase II PA/SI and the Background Investigation Report are in the draft stages of the submittal process and will be distributed for review by 31 July 2001. These two reports will be finalized within 90 days of document submittal and receipt of comments from the TRC, the USEPA and PREQB. The NFA report will be finalized 30 days after receipt of USEPA and PREQB comments on the Phase II PA/SI and Background Investigation Report.

A 90-day period is sufficient to allow for document preparation as a general guideline. Upon receipt by the review committee and agencies, another 90 days are allotted in the schedule for any additional comments and revisions to be included in the final document submittal.

5.2.3 Remedial Design/Remedial Implementation

The sites expected to require a RI/FS are SWMU 4, SWMU 6, SWMU 7, AOC J, AOC E, AOC H, and AOC I. The Remedial Design stage for each site will take approximately 90 days to complete.

Because each site is unique in size and type of contaminant, see Figure 5-1 for assumptions that have been made regarding the Remedial Implementation at each site.

5.3 IRP Site Project Schedules

The scheduling assumptions discussed above are summarized in Table 5-1.

The complete NASD project schedule is represented in Figure 5-1.

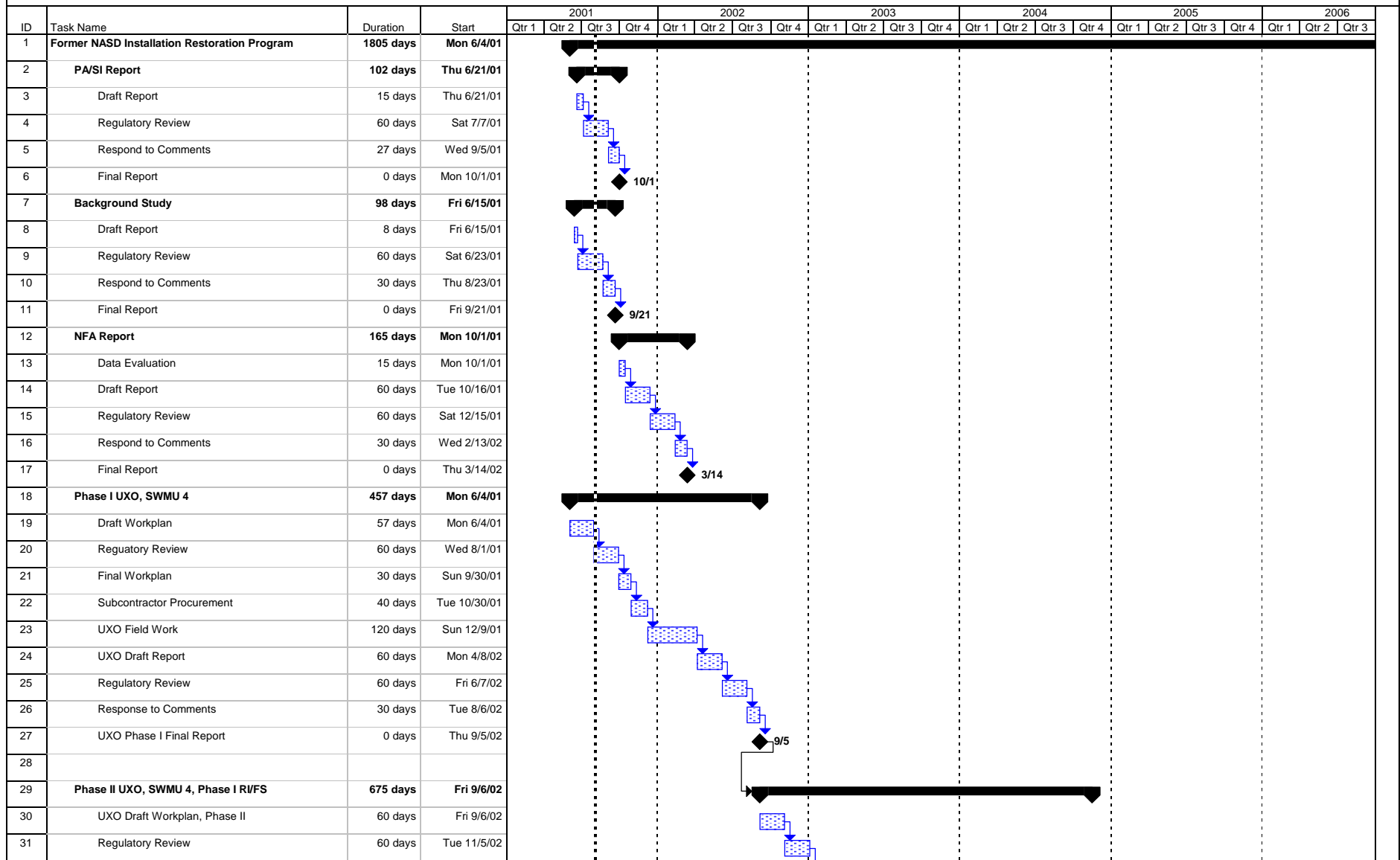
5.4 IR Funding Requirements

The funding requirements for the IR program at NASD are shown in Table 5-2. As shown in the table, the budget requirements to complete the IR activities at NASD through Fiscal Year (FY) 2006 is estimated at \$13,613,250. This number is \$6,864,250 more than was presented in the Finding of Suitability for Early Transfer (FOSET), however, the funding breakout in the FOSET only included sites on MOV property, and did not include SWMU 4, SWMU 6, and AOC J located on DOI property. Sites SWMU 4, SWMU 6, and AOC J all contain UXO which must be removed before the IR activities can be completed. The funding for these three sites includes both UXO removal and RI/FS activities through FY 2006.

The *Quitclaim Deed* for transfer of the former NASD property from the Navy to the MOV includes an agreement between the Navy and MOV that further investigations of the IR sites may reveal site conditions that are more complex than anticipated, which could result in a requirement for additional funding and time to complete the restoration efforts. As part of its periodic budget preparation and submission process for the Environmental Restoration Navy Program Account, the Navy will update the budget submission information for these IR sites as necessary to account for any changes as a result of work conducted and changes made to this SMP.

The Deed also provides an assurance that the Navy will submit a budget request to the Director of the Office of Management and Budget that adequately addresses schedules for the investigation and completion of all necessary response actions subject to Congressional authorization and appropriations.

**Figure 5-1
Installation Restoration Program Schedule
Former NASD Vieques CERCLA Sites**



Project: NASDoverallschedule
Date: Fri 8/3/01

Task

Split

Progress

Milestone

Summary

Rolled Up Task

Rolled Up Split

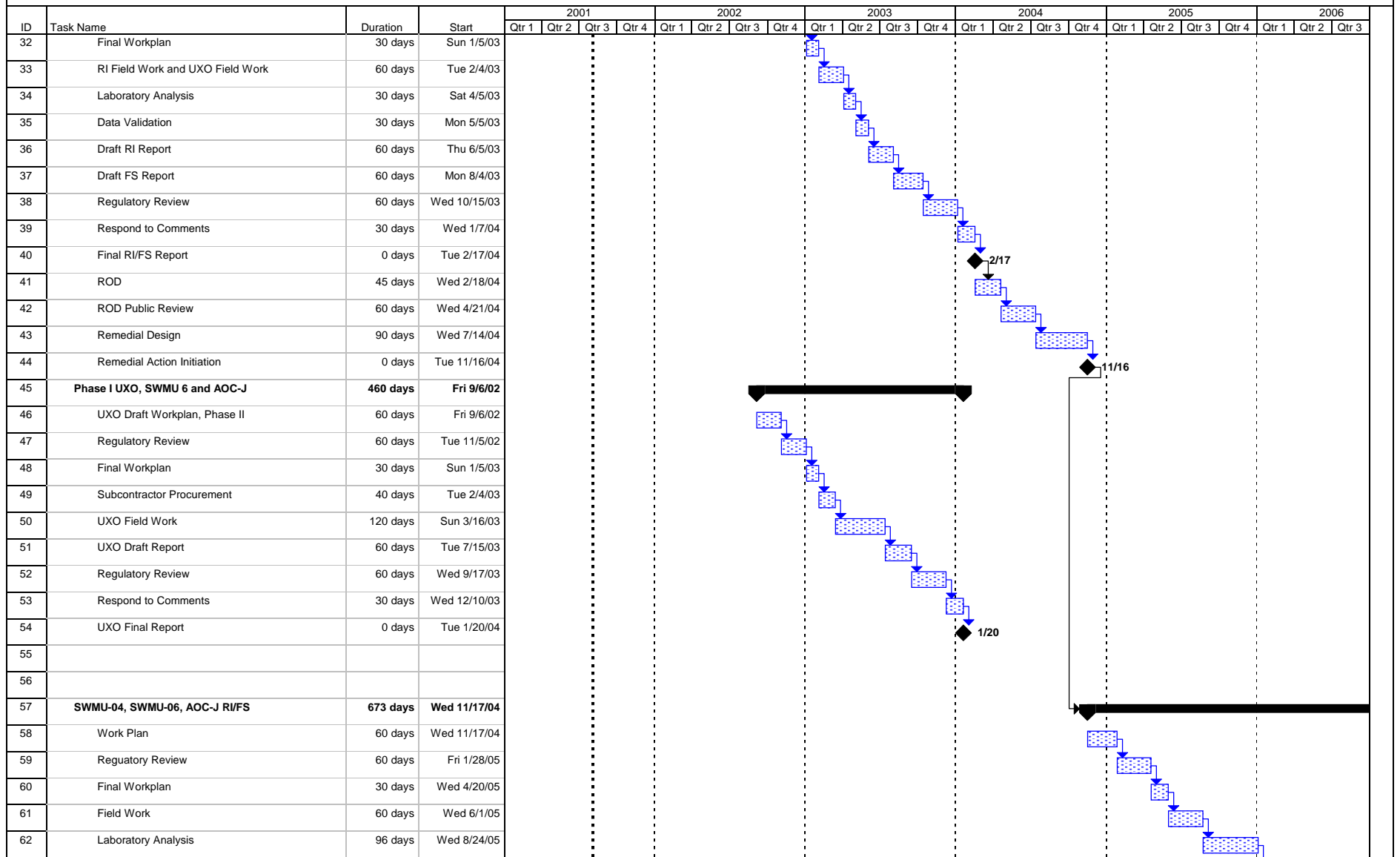
Rolled Up Milestone

Rolled Up Progress

External Tasks

Project Summary

**Figure 5-1
Installation Restoration Program Schedule
Former NASD Vieques CERCLA Sites**



Project: NASDOverallschedule
Date: Fri 8/3/01

Task

Split

Progress

Milestone

Summary

Rolled Up Task

Rolled Up Split

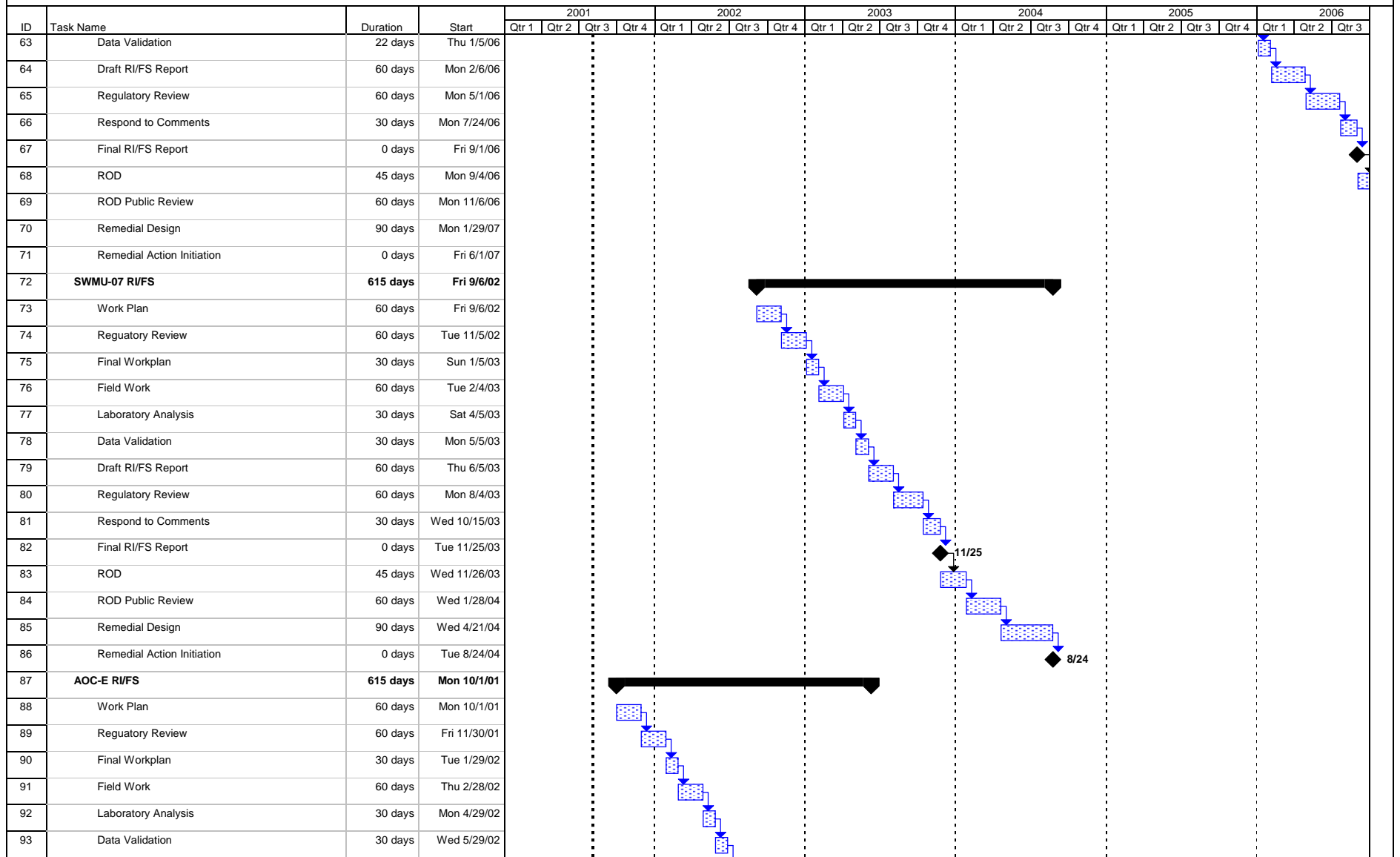
Rolled Up Milestone

Rolled Up Progress

External Tasks

Project Summary

**Figure 5-1
Installation Restoration Program Schedule
Former NASD Vieques CERCLA Sites**



Project: NASDOversallschedule
Date: Fri 8/3/01

Task

Split

Progress

Milestone

Summary

Rolled Up Task

Rolled Up Split

Rolled Up Milestone

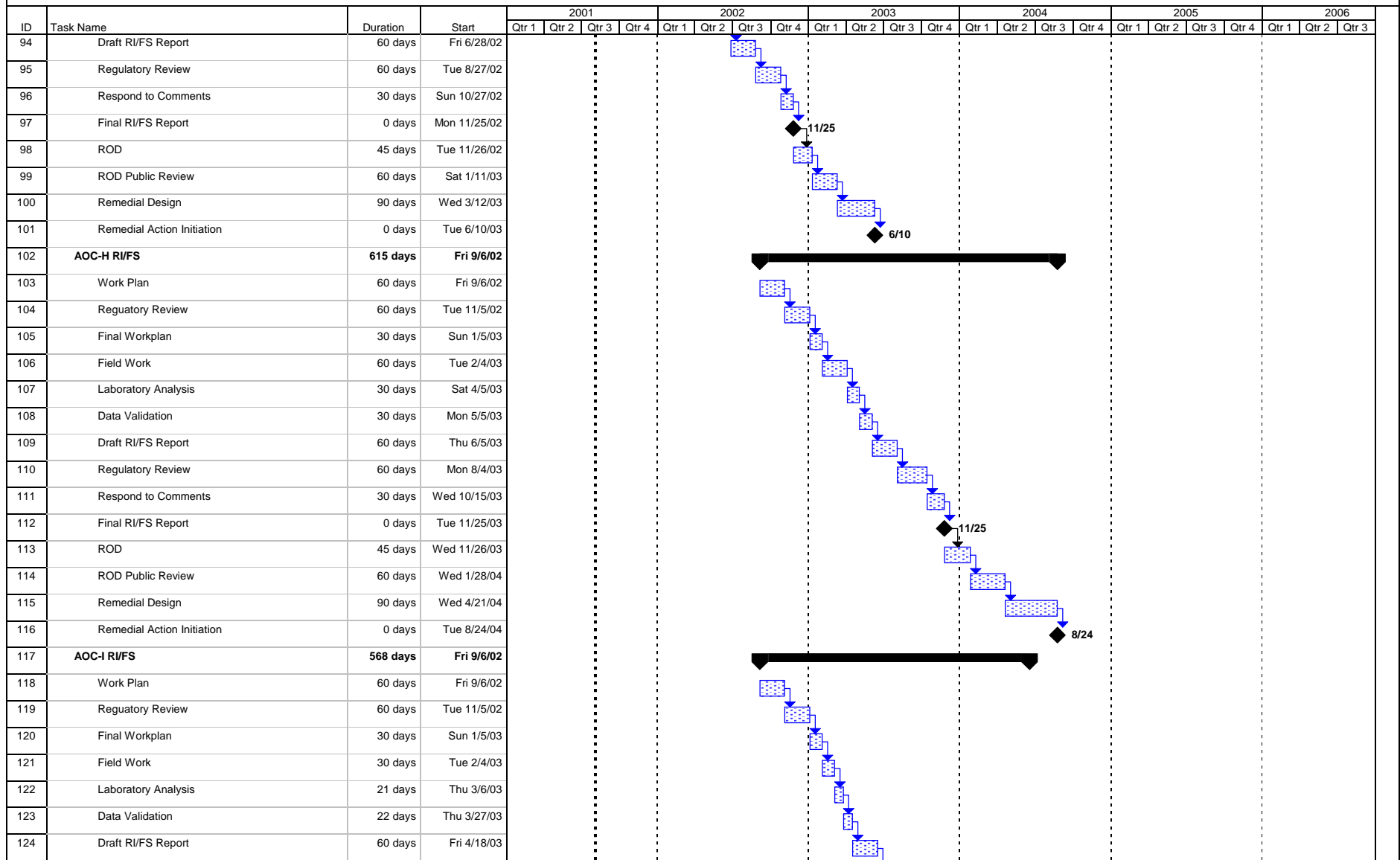
Rolled Up Progress

External Tasks

Project Summary

Page 3

**Figure 5-1
Installation Restoration Program Schedule
Former NASD Vieques CERCLA Sites**



Project: NASDOversallschedule
Date: Fri 8/3/01

Task

Split

Progress

Milestone

Summary

Rolled Up Task

Milestone
 Summary
 Rolled Up Task

Rolled Up Split
 Rolled Up Milestone
 Rolled Up Progress

External Tasks

Project Summary

Page 4

**Figure 5-1
Installation Restoration Program Schedule
Former NASD Vieques CERCLA Sites**

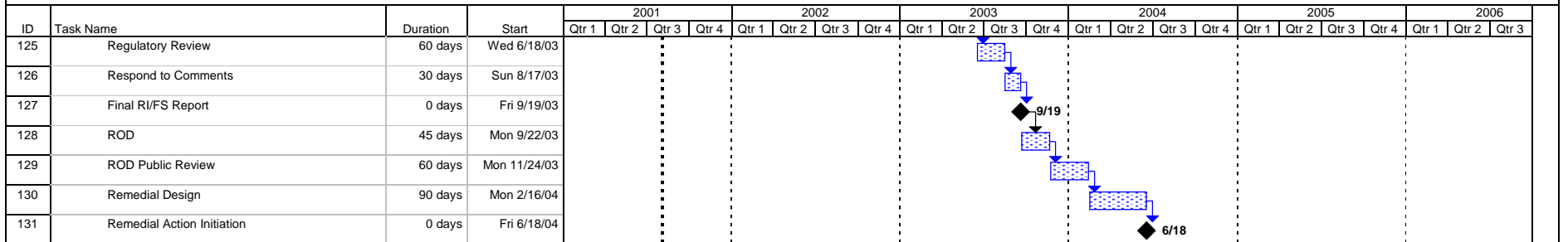


TABLE 5-1
Schedule Assumption Summary
Vieques, Puerto Rico

Site	Work Plan		Field Investigation		Laboratory Analysis/Validation	Document Prep/Review	ROD	Implementation	Total Duration
	Document Preparation	Document Review	UXO	RI/FS					
SWMU 4	60	60	180	120	90	120	NA	173	803
SWMU 6	60	60	180	60	90	120	NA	173	803
SWMU 7	90	90	NA	180	90	180	90	700	1420
AOC E	90	90	NA	180	90	180	90	765	1485
AOC H	90	90	NA	180	90	180	90	525	1245
AOC I	90	90	NA	180	90	180	90	721	1481
AOC J	60	60	180	60	90	120	NA	173	803

Notes: All of the above time allotments are expressed in **calendar** days.

TABLE 5-2
Funding Requirements for IR Program at the Former NASD
Vieques, Puerto Rico

Total Funding for All 17 Sites FY 2001 – FY 2006	Funding for Sites on MOV Property FY 2001 – FY 2006	Funding for Sites on DOI Property FY 2001 – FY 2006
\$13,613,250	\$6,749,000	\$6,864,250

SECTION 6

Works Cited

A.T. Kearney, Inc. and K.W. Brown & Associates, Inc. Phase II RCRA Facility Assessment of the Naval Ammunition Facility, Vieques Island, Puerto Rico. October 1988.

CH2M HILL. Final Expanded Preliminary Assessment/Site Investigation, U.S. Naval Ammunition Support Detachment, Vieques Island, Puerto Rico. October 2000.

CH2M HILL. Final Expanded Preliminary Assessment/Site Investigation, Phase II Seven Sites, U.S. Naval Ammunition Support Detachment, Vieques Island, Puerto Rico. July 2001.

ERM. Environmental Baseline Survey; Final. October 2000.

Environmental Science and Engineering, Inc. Confirmation Study to Determine Possible Dispersion and Migration of Specific Chemicals – U.S. Naval Station, Roosevelt Roads, Puerto Rico and U.S. Naval Ammunition Facility, Vieques: Evaluation of Data from First and Second Rounds of Verification Sample Collection and Analysis. May 1986.

Greenleaf/Telesca Planners, Engineers, Architects, Inc. and Ecology and Environment, Inc. *Initial Assessment Study, Naval Station Roosevelt Roads, Puerto Rico*. September 1984.

Quitclaim Deed (Segregation, Description of Remnant, Conveyance, Constitution of Easements and Constitution of Restrictive Covenants) for the real property identified as the Naval Ammunition Support Detachment (NASD). 30 April 2001.

U.S. Environmental Protection Agency. Risk Assessment Guidance for Superfund, Volume I, Human Health Evaluation Manual. 1998.

U.S. Environmental Protection Agency. Amended Guidance on Preliminary Risk Evaluations (PREs) for the Purpose of Reaching a Finding of Suitability to Lease. 1994.

APPENDIX A

Current List of IR Reports for NASD

TABLE A-1

Current List of IR Reports for NASD as of July 2001

*Site Management Plan for NASD**Vieques, Puerto Rico*

Date	Title	Sites	Contractor
September 1984	Initial Assessment Study, Naval Station Roosevelt Roads, Puerto Rico	SWMU 5, SWMU 6, SWMU 7	Greenleaf/Telesca Planners, Engineers, Architects, Inc. and Ecology and Environment, Inc.
May 1986	Confirmation Study to Determine Possible Dispersion and Migration of Specific Chemicals – US Naval Station, Roosevelt Roads, Puerto Rico and US Naval Ammunition Facility, Vieques: Evaluation of Data from First and Second Rounds of Verification Sample Collection and Analysis	SWMU 5, SWMU 6, SWMU 7	Environmental Science and Engineering, Inc
October 1988	Phase II RCRA Facility Assessment of the Naval Ammunition Facility, Vieques Island, Puerto Rico	AOC C, AOC E, AOC F, SWMU 4, SWMU 5, SWMU 6, SWMU 7, SWMW 10, SWMU 14, SWMU 15	T. Kearney, Inc. and K.W. Brown & Associates, Inc
October 2000	Final Environmental Baseline Survey, , U.S. Naval Ammunition Support Detachment, Vieques Island, Puerto Rico	Facility Wide	ERM
November 2000	Finding of Suitability for Early Transfer, U.S. Naval Ammunition Support Detachment, Vieques Island, Puerto Rico	AOC C, AOC E, AOC F, AOC B, AOC H, AOC I, AOC K, AOC L, AOC R, SWMU 5, SWMU 7, SWMW 10, SWMU 14, SWMU 15	CH2M HILL
	Expanded Preliminary Assessment/Site Investigation, Phase II, Seven Sites, U.S. Naval Ammunition Support Detachment, Vieques Island, Puerto Rico	AOC C, AOC E, AOC F, SWMU 4, SWMU 5, SWMU 6, SWMU 7, SWMW 10, SWMU 14, SWMU 15	CH2M HILL
June 2001	Draft Soil, Groundwater, Surface Water, and Sediment Background Investigation Report, U.S. Naval Ammunition Support Detachment, Vieques Island, Puerto Rico	Non-Site Related	CH2M HILL
July 2001	Draft Expanded Preliminary Assessment/Site Investigation, Phase II, Seven Sites, U.S. Naval Ammunition Support Detachment, Vieques Island, Puerto Rico	AOC B, AOC H, AOC I, AOC J, AOC K, AOC L, and AOC R	CH2M HILL
June 2001	Draft Preliminary Ordnance and Explosives Site Assessment Report for the Green Beach Area	Green Beach	CH2M HILL

Analytical Data Screening Criteria

Appendix B-1
Groundwater Screening Criteria Tables
Site Management Plan, NASD, Vieques

CAS Number	Analyte	Human Health			Background ^d (ug/L)
		USEPA		PREQB ³	
		MCLs ¹ (ug/L)	PRG -T ² (ug/L)	(ug/L)	
Explosives					
2691-41-0	OCTAHYDRO-1,3,5,7-TETRANITRO-1,3,5,7-TETRAZOCINE		182.4997		
121-82-4	HEXAHYDRO-1,3,5-TRINITRO-1,3,5,7-TETRAZOCINE		0.6111957		
99-35-4	1,3,5-TRINITROBENZENE		109.4999		
99-65-0	1,3-DINITROBENZENE		0.365		
479-45-8	METHYL-2,4,6-TRINITROPHENYLNITRAMINE				
118-96-7	2,4,6-TRINITROTOLUENE		2.241051		
88-72-2	2-NITROTOLUENE		6.083333		
99-99-0	4-NITROTOLUENE		6.083333		
99-08-1	3-NITROTOLUENE		6.083333		
14797-73-0	PERCHLORATE		1.825		
Dissolved Metals					
7429-90-5	ALUMINUM, DISSOLVED				220
7440-36-0	ANTIMONY, DISSOLVED				9.1
7440-38-2	ARSENIC, DISSOLVED				5.5
7440-39-3	BARIUM, DISSOLVED				870
7440-41-7	BERYLLIUM, DISSOLVED				2.2
7440-70-2	CALCIUM, DISSOLVED				660000
7440-43-9	CADMIUM, DISSOLVED				1.1
7440-47-3	CHROMIUM, DISSOLVED				4.6
7440-48-4	COBALT, DISSOLVED				11
7440-50-8	COPPER, DISSOLVED				0.8
7439-89-6	IRON, DISSOLVED				14000
7439-92-1	LEAD, DISSOLVED				1.6
7439-95-4	MAGNESIUM, DISSOLVED				310000
7439-96-5	MANGANESE, DISSOLVED				18000
7439-97-6	MERCURY, DISSOLVED				0.025
7440-02-0	NICKEL, DISSOLVED				12
7440-09-7	POTASSIUM, DISSOLVED				400000
7782-49-2	SELENIUM, DISSOLVED				4.6
7440-22-4	SILVER, DISSOLVED				0.57
7440-23-5	SODIUM, DISSOLVED				360000
7440-28-0	THALLIUM, DISSOLVED				16
7440-62-2	VANADIUM, DISSOLVED				32
7440-66-6	ZINC, DISSOLVED				15
Total Metals					
7429-90-5	ALUMINUM	50	3649.867		3500
7440-36-0	ANTIMONY	6	1.46		5.2
7440-38-2	ARSENIC	50	0.04482102	0.022	2.9
7440-39-3	BARIUM	2000	255.4993		960
7440-41-7	BERYLLIUM	4	7.299999		1.8
7440-43-9	CADMIUM	5	1.825		1
7440-70-2	CALCIUM			5	1212658
7440-47-3	CHROMIUM, TOTAL	100			11
7440-48-4	COBALT		218.9995		32
7440-50-8	COPPER	1000	135.5712		15
7439-89-6	IRON	300	1094.988		29000
7439-95-4	MAGNESIUM			50	605842
7439-96-5	MANGANESE	50	87.59992		17000
7439-92-1	LEAD	15	0.000365		4.7
7439-97-6	MERCURY	2	1.095		0.025
7440-02-0	NICKEL	100	72.99995		19
7440-09-7	POTASSIUM				490000
7782-49-2	SELENIUM	50	18.25		4.6
7440-22-4	SILVER	100	18.25		0.57
7440-23-5	SODIUM				350000
7440-28-0	THALLIUM	2			18
7440-62-2	VANADIUM		25.54999		75
7440-66-6	ZINC	5000	1094.988		1300
Organochlorine Pesticides					
319-84-6	ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)		0.01067167		
319-85-7	BETA BHC (BETA HEXACHLOROCYCLOHEXANE)		0.03735085		
319-86-8	DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)				
58-89-9	GAMMA BHC (LINDANE)	0.2	0.05171657		
76-44-8	HEPTACHLOR	0.4	0.01494034		
309-00-2	ALDRIN		0.003954796		
1024-57-3	HEPTACHLOR EPOXIDE	0.2	0.00738808		
959-98-8	ALPHA ENDOSULFAN (ENDOSULFAN I)			0.056 ⁵	
60-57-1	DIELDRIN		0.004201971		
72-55-9	p,p'-DDE		0.1977398		

Appendix B-1
Groundwater Screening Criteria Tables
Site Management Plan, NASD, Vieques

CAS Number	Analyte	Human Health			Background ⁴ (ug/L)
		USEPA		PREQB ³	
		MCLs ¹ (ug/L)	PRG -T ² (ug/L)	(ug/L)	
72-20-8	ENDRIN		1.095	0.0023	
33213-65-9	BETA ENDOSULFAN (ENDOSULFAN II)			0.056 ⁵	
72-54-8	p,p'-DDD		0.2801314		
1031-07-8	ENDOSULFAN SULFATE				
50-29-3	p,p'-DDT		0.1977398		
72-43-5	METHOXYCHLOR	40		0.001	
7421-93-4	ENDRIN ALDEHYDE				
5103-71-9	ALPHA-CHLORDANE	2			
5103-74-2	GAMMA-CHLORDANE	2			
53494-70-5	ENDRIN KETONE				
8001-35-2	TOXAPHENE	3	0.06111958	0.0002	
PCBs					
	Total PCBs	0.5	0.03361577		
12674-11-2	PCB-1016 (AROCHLOR 1016)		0.9604505		
11104-28-2	PCB-1221 (AROCHLOR 1221)		0.03361577		
11141-16-5	PCB-1232 (AROCHLOR 1232)		0.03361577		
53469-21-9	PCB-1242 (AROCHLOR 1242)		0.03361577		
12672-29-6	PCB-1248 (AROCHLOR 1248)		0.03361577		
11096-82-5	PCB-1260 (AROCHLOR 1260)		0.03361577		
11097-69-1	PCB-1254 (AROCHLOR 1254)		0.03361577		
Semivolatile Organics					
111-44-4	bis(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)		0.009779781		
108-95-2	PHENOL		2189.952		
95-57-8	2-CHLOROPHENOL		3.041667		
108-60-1	bis(2-CHLOROISOPROPYL) ETHER		0.2744299		
95-48-7	2-METHYLPHENOL (o-CRESOL)		182.4997		
67-72-1	HEXACHLOROETHANE		4.802252		
621-64-7	N-NITROSODI-n-PROPYLAMINE		0.009604505		
782-06-0	CRESOLS, m & p				
98-95-3	NITROBENZENE		0.3395349		
78-59-1	ISOPHORONE		70.77003		
88-75-5	2-NITROPHENOL				
105-67-9	2,4-DIMETHYLPHENOL		72.99995		
111-91-1	bis(2-CHLOROETHOXY) METHANE				
120-83-2	2,4-DICHLOROPHENOL		10.95		
91-20-3	NAPHTHALENE		0.6202941		
106-47-8	4-CHLOROANILINE		14.6		
91-57-6	2-METHYLNAPHTHALENE				
87-68-3	HEXACHLOROBUTADIENE		0.8619428		
59-50-7	4-CHLORO-3-METHYLPHENOL				
77-47-4	HEXACHLOROCYCLOPENTADIENE		25.54999		
88-06-2	2,4,6-TRICHLOROPHENOL		6.111958		
95-95-4	2,4,5-TRICHLOROPHENOL		364.9987		
91-58-7	2-CHLORONAPHTHALENE		48.66667		
88-74-4	2-NITROANILINE		0.2085714		
208-96-8	ACENAPHTHYLENE				
131-11-3	DIMETHYL PHTHALATE		36486.68		
606-20-2	2,6-DINITROTOLUENE		3.65		
83-32-9	ACENAPHTHENE		36.5		
99-09-2	3-NITROANILINE				
51-28-5	2,4-DINITROPHENOL		7.299999		
132-64-9	DIBENZOFURAN		2.433333		
121-14-2	2,4-DINITROTOLUENE		7.299999		
100-02-7	4-NITROPHENOL		29.19999		
86-73-7	FLUORENE		24.33333		
7005-72-3	4-CHLOROPHENYL PHENYL ETHER				
84-66-2	DIETHYL PHTHALATE		2919.915		
100-01-6	4-NITROANILINE				
534-52-1	4,6-DINITRO-2-METHYLPHENOL				
86-30-6	N-NITROSODIPHENYLAMINE		13.72072		
101-55-3	4-BROMOPHENYL PHENYL ETHER				
118-74-1	HEXACHLOROBENZENE		0.04201971		
87-86-5	PENTACHLOROPHENOL		0.5602628	0.07	
85-01-8	PHENANTHRENE				
120-12-7	ANTHRACENE		182.5		
84-74-2	DI-n-BUTYL PHTHALATE		364.9987		
206-44-0	FLUORANTHENE		145.9998		
129-00-0	PYRENE		18.25		
85-68-7	BENZYL BUTYL PHTHALATE		729.9947		
91-94-1	3,3'-DICHLOROBENZIDINE		0.1494034		

Appendix B-1
Groundwater Screening Criteria Tables
Site Management Plan, NASD, Vieques

CAS Number	Analyte	Human Health			Background ⁴ (ug/L)
		USEPA		PREQB ³	
		MCLs ¹ (ug/L)	PRG -T ² (ug/L)	(ug/L)	
56-55-3	BENZO(a)ANTHRACENE		0.09209799		
218-01-9	CHRYSENE		9.209799		
117-81-7	bis(2-ETHYLHEXYL) PHTHALATE		4.802252		
117-84-0	DI-n-OCTYLPHthalate		72.99995		
205-99-2	BENZO(b)FLUORANTHENE		0.09209799		
207-08-9	BENZO(k)FLUORANTHENE		0.9209799		
50-32-8	BENZO(a)PYRENE	0.2	0.0092098		
193-39-5	INDENO(1,2,3-c,d)PYRENE		0.09209799		
53-70-3	DIBENZ(a,h)ANTHRACENE		0.0092098		
191-24-2	BENZO(g,h,i)PERYLENE				
86-74-8	CARBAZOLE		3.361577		
Volatile Organics					
74-87-3	CHLOROMETHANE		1.510905		
74-83-9	BROMOMETHANE		0.8661017		
75-01-4	VINYL CHLORIDE	2	0.01977467	2	
541-73-1	1,3-DICHLOROBENZENE		0.5475	75	
75-00-3	CHLOROETHANE		4.637023		
106-46-7	1,4-DICHLOROBENZENE		0.5017604	75	
75-35-4	1,1-DICHLOROETHENE	7	0.04558283	7	
75-15-0	CARBON DISULFIDE		104.2857		
95-50-1	1,2-DICHLOROBENZENE		37.01408	75	
75-34-3	1,1-DICHLOROETHANE		81.11111		
67-64-1	ACETONE		60.83333		
67-66-3	CHLOROFORM	100	0.164554		
75-09-2	METHYLENE CHLORIDE		4.275632		
56-23-5	CARBON TETRACHLORIDE		0.1712996	5	
71-43-2	BENZENE	5	0.409975	5	
107-06-2	1,2-DICHLOROETHANE	5	0.1231428		
78-93-3	METHYL ETHYL KETONE (2-BUTANONE)		190.4348		
79-01-6	TRICHLOROETHYLENE (TCE)	5	1.639888	5	
78-87-5	1,2-DICHLOROPROPANE		0.164794		
120-82-1	1,2,4-TRICHLOROBENZENE		19.44393		
71-55-6	1,1,1-TRICHLOROETHANE		79.22481	200	
75-27-4	BROMODICHLOROMETHANE		0.1807418		
10061-01-5	cis-1,3-DICHLOROPROPENE				
108-88-3	TOLUENE	1000	72.34234		
10061-02-6	trans-1,3-DICHLOROPROPENE		0.08100685		
124-48-1	DIBROMOCHLOROMETHANE		0.1334047		
108-90-7	CHLOROBENZENE		10.60684		
100-41-4	ETHYLBENZENE	700	133.9873		
108-10-1	METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)				
511-39-00	M,P-XYLENE (SUM OF ISOMERS)	10000			
95-47-6	O-XYLENE (1,2-DIMETHYLBENZENE)	10000			
79-00-5	1,1,2-TRICHLOROETHANE		0.1995132		
127-18-4	TETRACHLOROETHYLENE(PCE)	5	1.081776	5	
591-78-6	2-HEXANONE				
1330-20-7	XYLENES, TOTAL	10000	143.1373		
74-97-5	BROMOCHLOROMETHANE				
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE		0.04761443		
100-42-5	STYRENE		164.1085		
75-25-2	BROMOFORM		8.510321		
156-59-2	cis-1,2-DICHLOROETHYLENE	70	6.083333		
79-34-5	1,1,2,2-TETRACHLOROETHANE		0.05533824		
156-60-5	trans-1,2-DICHLOROETHENE	100	12.16667		
540-59-0	TOTAL 1,2-DICHLOROETHENE				
106-93-4	ETHYLENE DIBROMIDE (1,2-DIBROMOETHANE)				

Screening Criteria

¹MCL - Maximum Contaminant Level, *Drinking Water Standards and Health Advisories*, USEPA 2000

²PRG-T -Region IX Preliminary Remediation Goals – Tap Water Values, November 22, 2000 (HQ=0.1 applied to non-carcinogens)

³ Puerto Rico Water Quality Standards Regulation, Number 4282, Commonwealth of Puerto Rico Office of the

Governor Environmental Quality Board (PREQB) , September 27, 1990.

⁴Background Values for Surface and Subsurface Soil, *Draft Soil, Groundwater, Surface Water, and Sediment Background Investigation Report for U.S. Naval Ammunition Support Detachment, Vieques Island, Puerto Rico*. (CH2M Hill, June 2001)

⁵PREQB Criteria for total Endosulfan reported as 0.56 ug/L. The sum of concentrations for Endosulfan I and Endosulfan II may not exceed 0.56 ug/L

Appendix B-1
Groundwater Screening Criteria Tables
Site Management Plan, NASD, Vieques

CAS Number	Analyte	Human Health			Background ⁴ (ug/L)
		USEPA		PREQB ³	
		MCLs ¹ (ug/L)	PRG -T ² (ug/L)	(ug/L)	
56-55-3	BENZO(a)ANTHRACENE		0.09209799		
218-01-9	CHRYSENE		9.209799		
117-81-7	bis(2-ETHYLHEXYL) PHTHALATE		4.802252		
117-84-0	DI-n-OCTYLPHthalate		72.99995		
205-99-2	BENZO(b)FLUORANTHENE		0.09209799		
207-08-9	BENZO(k)FLUORANTHENE		0.9209799		
50-32-8	BENZO(a)PYRENE	0.2	0.0092098		
193-39-5	INDENO(1,2,3-c,d)PYRENE		0.09209799		
53-70-3	DIBENZ(a,h)ANTHRACENE		0.0092098		
191-24-2	BENZO(g,h,i)PERYLENE				
86-74-8	CARBAZOLE		3.361577		
Volatile Organics					
74-87-3	CHLOROMETHANE		1.510905		
74-83-9	BROMOMETHANE		0.8661017		
75-01-4	VINYL CHLORIDE	2	0.01977467	2	
541-73-1	1,3-DICHLOROBENZENE		0.5475	75	
75-00-3	CHLOROETHANE		4.637023		
106-46-7	1,4-DICHLOROBENZENE		0.5017604	75	
75-35-4	1,1-DICHLOROETHENE	7	0.04558283	7	
75-15-0	CARBON DISULFIDE		104.2857		
95-50-1	1,2-DICHLOROBENZENE		37.01408	75	
75-34-3	1,1-DICHLOROETHANE		81.11111		
67-64-1	ACETONE		60.83333		
67-66-3	CHLOROFORM	100	0.164554		
75-09-2	METHYLENE CHLORIDE		4.275632		
56-23-5	CARBON TETRACHLORIDE		0.1712996	5	
71-43-2	BENZENE	5	0.409975	5	
107-06-2	1,2-DICHLOROETHANE	5	0.1231428		
78-93-3	METHYL ETHYL KETONE (2-BUTANONE)		190.4348		
79-01-6	TRICHLOROETHYLENE (TCE)	5	1.639888	5	
78-87-5	1,2-DICHLOROPROPANE		0.164794		
120-82-1	1,2,4-TRICHLOROBENZENE		19.44393		
71-55-6	1,1,1-TRICHLOROETHANE		79.22481	200	
75-27-4	BROMODICHLOROMETHANE		0.1807418		
10061-01-5	cis-1,3-DICHLOROPROPENE				
108-88-3	TOLUENE	1000	72.34234		
10061-02-6	trans-1,3-DICHLOROPROPENE		0.08100685		
124-48-1	DIBROMOCHLOROMETHANE		0.1334047		
108-90-7	CHLOROBENZENE		10.60684		
100-41-4	ETHYLBENZENE	700	133.9873		
108-10-1	METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)				
511-39-00	M,P-XYLENE (SUM OF ISOMERS)	10000			
95-47-6	O-XYLENE (1,2-DIMETHYLBENZENE)	10000			
79-00-5	1,1,2-TRICHLOROETHANE		0.1995132		
127-18-4	TETRACHLOROETHYLENE(PCE)	5	1.081776	5	
591-78-6	2-HEXANONE				
1330-20-7	XYLENES, TOTAL	10000	143.1373		
74-97-5	BROMOCHLOROMETHANE				
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE		0.04761443		
100-42-5	STYRENE		164.1085		
75-25-2	BROMOFORM		8.510321		
156-59-2	cis-1,2-DICHLOROETHYLENE	70	6.083333		
79-34-5	1,1,2,2-TETRACHLOROETHANE		0.05533824		
156-60-5	trans-1,2-DICHLOROETHENE	100	12.16667		
540-59-0	TOTAL 1,2-DICHLOROETHENE				
106-93-4	ETHYLENE DIBROMIDE (1,2-DIBROMOETHANE)				

Screening Criteria

¹MCL - Maximum Contaminant Level, *Drinking Water Standards and Health Advisories*, USEPA 2000

²PRG-T -Region IX Preliminary Remediation Goals – Tap Water Values, November 22, 2000 (HQ=0.1 applied to non-carcinogens)

³ Puerto Rico Water Quality Standards Regulation, Number 4282, Commonwealth of Puerto Rico Office of the

Governor Environmental Quality Board (PREQB) , September 27, 1990.

⁴Background Values for Surface and Subsurface Soil, *Draft Soil, Groundwater, Surface Water, and Sediment Background Investigation Report for U.S. Naval Ammunition Support Detachment, Vieques Island, Puerto Rico*. (CH2M Hill, June 2001)

⁵PREQB Criteria for total Endosulfan reported as 0.56 ug/L. The sum of concentrations for Endosulfan I and Endosulfan II may not exceed 0.56 ug/L

Appendix B-2
Surface Water Screening Criteria Tables
Site Management Plan, NASD, Vieques

CAS Number	Analyte	Ecological ¹				Human Health			Background ⁴
		Federal				Federal ²	PREQB ³		
		Freshwater		Marine			Freshwater	Marine	
		Acute (ug/L)	Chronic (ug/L)	Acute (ug/L)	Chronic (ug/L)	Consumption of Organisms (ug/L)			
Explosives									
2691-41-0	OCTAHYDRO-1,3,5,7-TETRANITRO-1,3,5,7-TETRAZOCINE								
121-82-4	HEXAHYDRO-1,3,5-TRINITRO-1,3,5,7-TETRAZOCINE								
99-35-4	1,3,5-TRINITROBENZENE								
99-65-0	1,3-DINITROBENZENE								
479-45-8	METHYL-2,4,6-TRINITROPHENYLNITRAMINE								
118-96-7	2,4,6-TRINITROTOLUENE								
88-72-2	2-NITROTOLUENE								
99-99-0	4-NITROTOLUENE								
99-08-1	3-NITROTOLUENE								
14797-73-0	PERCHLORATE								
Metals									
7429-90-5	ALUMINUM								5000
7440-36-0	ANTIMONY	1300	160			4300			18
7440-38-2	ARSENIC	340	150	69	36	0.14	50	150	33
7440-39-3	BARIUM						1000	1000	1549
7440-41-7	BERYLLIUM	16	0.53				0.68		15
7440-43-9	CADMIUM	1.79	0.66	43	9.3		Note 5	5	44
7440-70-2	CALCIUM								1544034
7440-47-3	CHROMIUM, TOTAL				50				170
7440-48-4	COBALT						Note 6	50	162
7440-50-8	COPPER	9.22	6.54	2.9	2.9			50	1208
7439-89-6	IRON								488434
7439-95-4	MAGNESIUM								
7439-96-5	MANGANESE								19689
7439-92-1	LEAD	33.78	1.32	210	8.1		Note 7	15	93
7439-97-6	MERCURY	2.4	0.012	2.1	0.025	0.051	1	1	0.025
7440-02-0	NICKEL	789	87.71	75	8.3	4600	Note8	8.4	91
7440-09-7	POTASSIUM								
7782-49-2	SELENIUM	20	5	300	71	11000	10	10	4.6
7440-22-4	SILVER	20	5	2.3	0.23				1.3
7440-23-5	SODIUM								
7440-28-0	THALLIUM				21.3				9.7
7440-62-2	VANADIUM								951
7440-66-6	ZINC	65.04	58.91	90	81	69000	50	50	2169
Organochlorine Pesticides									
319-84-6	ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)		500		1400	0.013			
319-85-7	BETA BHC (BETA HEXACHLOROCYCLOHEXANE)		5000			0.046			
319-86-8	DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)								
58-89-9	GAMMA BHC (LINDANE)	2	0.08	0.16	0.016	0.063	0.0022	0.074	
76-44-8	HEPTACHLOR	0.52	0.0038	0.053	0.0036	0.00021	0.001	0.001	
309-00-2	ALDRIN	3	0.3	1.3	0.13	0.00014	0.00074	0.00074	
1024-57-3	HEPTACHLOR EPOXIDE	0.52	0.0038	0.053	0.0036	0.00011			
959-98-8	ALPHA ENDOSULFAN (ENDOSULFAN I)	0.22	0.056	0.34	0.0087	240	0.056 ^y	0.056 ^y	
60-57-1	DIELDRIN	2.5	0.0019	0.71	0.0019	0.00014	0.00074	0.00074	
72-55-9	p,p'-DDE	105	10.5	1.4	0.14	0.00059			
72-20-8	ENDRIN	0.18	0.0023	0.037	0.0023	0.81	0.0023	0.0023	
33213-65-9	BETA ENDOSULFAN (ENDOSULFAN II)	0.22	0.056			240	0.056 ⁹	0.056 ⁹	
72-54-8	p,p'-DDD	0.064	0.0064	0.25	0.025	0.00084			

Appendix B-2
Surface Water Screening Criteria Tables
Site Management Plan, NASD, Vieques

CAS Number	Analyte	Ecological ¹				Human Health			Background ⁴
		Federal				Federal ²	PREQB ³		
		Freshwater		Marine			Freshwater	Marine	
		Acute (ug/L)	Chronic (ug/L)	Acute (ug/L)	Chronic (ug/L)	Consumption of Organisms (ug/L)			
Explosives									
2691-41-0	OCTAHYDRO-1,3,5,7-TETRANITRO-1,3,5,7-TETRAZOCINE								
121-82-4	HEXAHYDRO-1,3,5-TRINITRO-1,3,5,7-TETRAZOCINE								
99-35-4	1,3,5-TRINITROBENZENE								
99-65-0	1,3-DINITROBENZENE								
479-45-8	METHYL-2,4,6-TRINITROPHENYLNITRAMINE								
118-96-7	2,4,6-TRINITROTOLUENE								
88-72-2	2-NITROTOLUENE								
99-99-0	4-NITROTOLUENE								
99-08-1	3-NITROTOLUENE								
14797-73-0	PERCHLORATE								
Metals									
7429-90-5	ALUMINUM								5000
7440-36-0	ANTIMONY	1300	160			4300			18
7440-38-2	ARSENIC	340	150	69	36	0.14	50	150	33
7440-39-3	BARIUM						1000	1000	1549
7440-41-7	BERYLLIUM	16	0.53				0.68		15
7440-43-9	CADMIUM	1.79	0.66	43	9.3		Note 5	5	44
7440-70-2	CALCIUM								1544034
7440-47-3	CHROMIUM, TOTAL				50				170
7440-48-4	COBALT						Note 6	50	162
7440-50-8	COPPER	9.22	6.54	2.9	2.9			50	1208
7439-89-6	IRON								488434
7439-95-4	MAGNESIUM								
7439-96-5	MANGANESE								19689
7439-92-1	LEAD	33.78	1.32	210	8.1		Note 7	15	93
7439-97-6	MERCURY	2.4	0.012	2.1	0.025	0.051	1	1	0.025
7440-02-0	NICKEL	789	87.71	75	8.3	4600	Note8	8.4	91
7440-09-7	POTASSIUM								
7782-49-2	SELENIUM	20	5	300	71	11000	10	10	4.6
7440-22-4	SILVER	20	5	2.3	0.23				1.3
7440-23-5	SODIUM								
7440-28-0	THALLIUM				21.3				9.7
7440-62-2	VANADIUM								951
7440-66-6	ZINC	65.04	58.91	90	81	69000	50	50	2169
Organochlorine Pesticides									
319-84-6	ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)		500		1400	0.013			
319-85-7	BETA BHC (BETA HEXACHLOROCYCLOHEXANE)		5000			0.046			
319-86-8	DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)								
58-89-9	GAMMA BHC (LINDANE)	2	0.08	0.16	0.016	0.063	0.0022	0.074	
76-44-8	HEPTACHLOR	0.52	0.0038	0.053	0.0036	0.00021	0.001	0.001	
309-00-2	ALDRIN	3	0.3	1.3	0.13	0.00014	0.00074	0.00074	
1024-57-3	HEPTACHLOR EPOXIDE	0.52	0.0038	0.053	0.0036	0.00011			
959-98-8	ALPHA ENDOSULFAN (ENDOSULFAN I)	0.22	0.056	0.34	0.0087	240	0.056 ^y	0.056 ^y	
60-57-1	DIELDRIN	2.5	0.0019	0.71	0.0019	0.00014	0.00074	0.00074	
72-55-9	p,p'-DDE	105	10.5	1.4	0.14	0.00059			
72-20-8	ENDRIN	0.18	0.0023	0.037	0.0023	0.81	0.0023	0.0023	
33213-65-9	BETA ENDOSULFAN (ENDOSULFAN II)	0.22	0.056			240	0.056 ⁹	0.056 ⁹	
72-54-8	p,p'-DDD	0.064	0.0064	0.25	0.025	0.00084			

Appendix B-2
Surface Water Screening Criteria Tables
Site Management Plan, NASD, Vieques

CAS Number	Analyte	Ecological ¹				Human Health			Background ⁴
		Federal				Federal ²	PREQB ³		Brackish Water (ug/L)
		Freshwater		Marine			Freshwater	Marine	
		Acute (ug/L)	Chronic (ug/L)	Acute (ug/L)	Chronic (ug/L)	Consumption of Organisms (ug/L)			
1031-07-8	ENDOSULFAN SULFATE					240			
50-29-3	p,p'-DDT	1.1	0.001	0.13	0.001	0.00059	0.00024	0.00024	
72-43-5	METHOXYCHLOR		0.03	-	0.03*		0.02	0.02	
7421-93-4	ENDRIN ALDEHYDE					0.81			
5103-71-9	ALPHA-CHLORDANE								
5103-74-2	GAMMA-CHLORDANE								
53494-70-5	ENDRIN KETONE								
8001-35-2	Toxaphene	0.73	0.0002	0.21	0.0002	0.00075	0.0002	0.0002	
PCBs									
	Total PCBs	0.2	0.014	1.05	0.03	0.000045			
12674-11-2	PCB-1016 (AROCHLOR 1016)	0.2	0.014	1.05	0.03	0.000045			
11104-28-2	PCB-1221 (AROCHLOR 1221)	0.2	0.014	1.05	0.03	0.000045			
11141-16-5	PCB-1232 (AROCHLOR 1232)	0.2	0.014	1.05	0.03	0.000045			
53469-21-9	PCB-1242 (AROCHLOR 1242)	0.2	0.014	1.05	0.03	0.000045			
12672-29-6	PCB-1248 (AROCHLOR 1248)	0.2	0.014	1.05	0.03	0.000045			
11096-82-5	PCB-1260 (AROCHLOR 1260)	0.2	0.014	1.05	0.03	0.000045			
11097-69-1	PCB-1254 (AROCHLOR 1254)	0.2	0.014	1.05	0.03	0.000045			
Semivolatile Organics									
111-44-4	Bis(2-chloroethyl) ether	23800	2380			1.4			
108-95-2	Phenol	1020	256	580	58	4600000			
95-57-8	2-Chlorophenol	438	43.8			400			
541-73-1	m-Dichlorobenzene	502	50.2	28.5	28.5				
106-46-7	p-Dichlorobenzene	112	11.2	199	19.9				
95-50-1	1,2-DICHLOROBENZENE								
108-60-1	Bis(2-chloro-1 methylethyl)ether;	158	15.8	197	19.7				
95-48-7	2-METHYLPHENOL (o-CRESOL)								
67-72-1	HEXACHLOROETHANE	98	9.8	94	9.4	8.9			
621-64-7	N-Nitrosodipropylamine; Di-n-propylnitrosamine	585	58.5			1.4			
782-06-0	CRESOLS, m & p								
98-95-3	NITROBENZENE	2700	270	668	66.8	1900			
78-59-1	ISOPHORONE								
88-75-5	2-NITROPHENOL								
105-67-9	2,4-DIMETHYLPHENOL	212	21.2			2300			
111-91-1	bis(2-CHLOROETHOXY) METHANE								
120-83-2	2,4-DICHLOROPHENOL	202	36.5			790			
120-82-1	1,2,4-TRICHLOROBENZENE	150	44.9	45	4.5	940			
91-20-3	NAPHTHALENE	230	62	235	23.5				
106-47-8	4-CHLOROANILINE								
91-57-6	2-METHYLNAPHTHALENE								
87-68-3	HEXACHLOROBUTADIENE	9	0.93	3.2	0.32	50			
59-50-7	4-CHLORO-3-METHYLPHENOL								
77-47-4	HEXACHLOROCYCLOPENTADIENE	0.7	0.07	0.7	0.07	17000			
88-06-2	2,4,6-TRICHLOROPHENOL	32	3.2	-	-	6.5			
95-95-4	2,4,5-TRICHLOROPHENOL					9800			
91-58-7	2-CHLORONAPHTHALENE								
88-74-4	2-NITROANILINE								
208-96-8	ACENAPHTHYLENE								
131-11-3	DIMETHYL PHTHALATE	3300	330	5800	580	2900000			
606-20-2	2,6-DINITROTOLUENE								
83-32-9	ACENAPHTHENE	170	17	97	9.7	2700			

Appendix B-2
Surface Water Screening Criteria Tables
Site Management Plan, NASD, Vieques

CAS Number	Analyte	Ecological ¹				Human Health			Background ⁴
		Federal				Federal ²	PREQB ³		
		Freshwater		Marine			Freshwater	Marine	
		Acute (ug/L)	Chronic (ug/L)	Acute (ug/L)	Chronic (ug/L)	Consumption of Organisms (ug/L)			
99-09-2	3-NITROANILINE								
51-28-5	2,4-DINITROPHENOL	62	6.2	485	48.5	14000			
132-64-9	DIBENZOFURAN								
121-14-2	2,4-DINITROTOLUENE	3100	310						
100-02-7	4-NITROPHENOL								
86-73-7	FLUORENE					370			
7005-72-3	4-CHLOROPHENYL PHENYL ETHER								
84-66-2	DIETHYL PHTHALATE	3300	330	759	75.9	120000			
100-01-6	4-NITROANILINE								
534-52-1	4,6-DINITRO-2-METHYLPHENOL	23	2.3			765			
86-30-6	N-NITROSODIPHENYLAMINE					16			
101-55-3	4-BROMOPHENYL PHENYL ETHER								
118-74-1	HEXACHLOROBENZENE					0.00077			
87-86-5	PENTACHLOROPHENOL	19	13	13	7.9	8.2			
85-01-8	PHENANTHRENE								
120-12-7	ANTHRACENE					110000			
84-74-2	DI-n-BUTYL PHTHALATE	94	9.4		3.4	12000			
206-44-0	FLUORANTHENE	398	39.8	4	1.6				
129-00-0	PYRENE					11000			
85-68-7	BENZYL BUTYL PHTHALATE								
91-94-1	3,3'-DICHLOROBENZIDINE								
56-55-3	BENZO(a)ANTHRACENE					0.049			
218-01-9	CHRYSENE					0.049			
117-81-7	bis(2-ETHYLHEXYL) PHTHALATE	1110	0.3			5.9			
117-84-0	DI-n-OCTYLPHTHALATE								
205-99-2	BENZO(b)FLUORANTHENE					0.049			
207-08-9	BENZO(k)FLUORANTHENE					0.049			
50-32-8	BENZO(a)PYRENE								
193-39-5	INDENO(1,2,3-c,d)PYRENE								
53-70-3	DIBENZ(a,h)ANTHRACENE					0.049			
191-24-2	BENZO(g,h,i)PERYLENE								
86-74-8	CARBAZOLE								
Volatile Organics									
74-87-3	CHLOROMETHANE	55000	5500	27000	2700	1600			
74-83-9	BROMOMETHANE	1100	110	1200	120	4000			
75-01-4	VINYL CHLORIDE					525	2	5246	
75-00-3	CHLOROETHANE								
75-35-4	1,1-DICHLOROETHENE	3030	303	22400	2240		7	18.5	
75-15-0	CARBON DISULFIDE								
75-34-3	1,1-DICHLOROETHANE					3.2			
67-64-1	ACETONE								
67-66-3	CHLOROFORM	2890	289	8150	815	470			
75-09-2	METHYLENE CHLORIDE	19300	1930						
56-23-5	CARBON TETRACHLORIDE	3520	352	15000	1500	4.4	5	69.4	
71-43-2	BENZENE	530	53	1090	109	71	5	400	
107-06-2	1,2-DICHLOROETHANE	11800	2000	11300	1130	99	5	2430	
78-93-3	METHYL ETHYL KETONE (2-BUTANONE)								
79-01-6	TRICHLOROETHYLENE (TCE)					81	5	807	
78-87-5	1,2-DICHLOROPROPANE	5250	525	24000	2400	39			
71-55-6	1,1,1-TRICHLOROETHANE	5280	528	3120	312		200	1030	

Appendix B-2
Surface Water Screening Criteria Tables
Site Management Plan, NASD, Vieques

CAS Number	Analyte	Ecological ¹				Human Health			Background ⁴
		Federal				Federal ²	PREQB ³		Brackish Water (ug/L)
		Freshwater		Marine			Freshwater	Marine	
		Acute (ug/L)	Chronic (ug/L)	Acute (ug/L)	Chronic (ug/L)	Consumption of Organisms (ug/L)			
75-27-4	BROMODICHLOROMETHANE					46			
10061-01-5	cis-1,3-DICHLOROPROPENE					1700			
108-88-3	TOLUENE	1750	175	370	37	200000			
10061-02-6	trans-1,3-DICHLOROPROPENE	606	24.4	79	7.9	1700			
124-48-1	DIBROMOCHLOROMETHANE					34			
108-90-7	CHLOROBENZENE	1950	195	1050	105	21000			
100-41-4	ETHYLBENZENE	4530	453	43	4.3	29000			
108-10-1	METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE								
511-39-00	M,P-XYLENE (SUM OF ISOMERS)								
95-47-6	O-XYLENE (1,2-DIMETHYLBENZENE)								
79-00-5	1,1,2-TRICHLOROETHANE	3600	940	902	90.2	42			
127-18-4	TETRACHLOROETHYLENE(PCE)	528	84	1020	45	8.85	5	88.5	
591-78-6	2-HEXANONE								
1330-20-7	XYLENES, TOTAL								
100-42-5	STYRENE								
75-25-2	BROMOFORM	2930	293	1790	640	360			
79-34-5	1,1,2,2-TETRACHLOROETHANE	932	240	902	90.2	11			

Legend

¹Ecological Surface Water Criteria: EPA Amended Guidance on Ecological Risk Assessment at Military Bases: Process Considerations, Timing of Activities, and Inclusion of Stakeholders, Region IV Office of Technical Services, June 23, 2000

²Human Health Surface Water Criteria, the lower of :

(1) USEPA, National Recommended Water Quality Criteria, Federal Register, vol. 63, No. 237, Dec. 10, 1998.

(2) Clean Water Act, Sections 303 and 304: 304(a) Criteria and Related Information for Toxic Pollutants. Updated December 1992 Values, January 1995 (Toxic Substance Spreadsheet).

³Puerto Rico Water Quality Standards Regulation, Number 4282, Commonwealth of Puerto Rico Office of the Governor Environmental Quality Board (PREQB) , September 27, 1990.

⁴Background Values for Surface Water, *Draft Soil, Groundwater, Surface Water, and Sediment Background Investigation Report for U.S. Naval Ammunition Support Detachment*, Vieques Island, Puerto Rico (CH2M HILL, June 2001)

⁵Concentration in ug/L must not exceed the numerical value given by $e^{(0.7852 (\text{Ln Hardness}) - 3.490)}$

⁶Concentration in ug/L must not exceed the numerical value given by $e^{(0.8545 (\text{Ln Hardness}) - 1.465)}$

⁷Concentration in ug/L must not exceed the numerical value given by $e^{(1.273 (\text{Ln Hardness}) - 4.705)}$

⁸Concentration in ug/L must not exceed the numerical value given by $e^{(0.8460 (\text{Ln Hardness}) + 1.1645)}$

⁹PREQB Criteria for total Endosulfan reported as 0.56 ug/L. The sum of concentrations for Endosulfan I and Endosulfan II may not exceed 0.56 ug/L

Appendix B-3
Soil Screening Criteria Tables
Site Management Plan, NASD, Vieques

CAS Number	Analyte	Ecological	Human Health			Background ⁴	
		USEPA Region IV ¹	USEPA Region IX				
		(mg/KG)	Industrial PRG ² (mg/kg)	Residential PRG ² (mg/kg)	Leachability ³ (mg/kg)	Surface Soil (mg/kg)	Subsurface Soil (mg/kg)
Explosives							
2691-41-0	OCTAHYDRO-1,3,5,7-TETRANITRO-1,3,5,7-TETRAZOCINE		4404.595	305.5155			
121-82-4	HEXAHYDRO-1,3,5-TRINITRO-1,3,5,7-TETRAZOCINE		22.4234	4.421641			
99-35-4	1,3,5-TRINITROBENZENE		2642.757	183.3093			
99-65-0	1,3-DINITROBENZENE		8.809191	0.611031			
479-45-8	METHYL-2,4,6-TRINITROPHENYLNITRAMINE						
118-96-7	2,4,6-TRINITROTOLUENE		82.21912	16.21268			
88-72-2	2-NITROTOLUENE		1000	36.67453			
99-99-0	4-NITROTOLUENE		1000	36.67453			
99-08-1	3-NITROTOLUENE		1000	36.67453			
Petroleum Hydrocarbons							
PETROLHC	PETROLEUM HYDROCARBONS						
Herbicides							
94-75-7	2,4-D (DICHLOROPHENOXYACETIC ACID)		1231.1	68.60674			
93-72-1	SILVEX (2,4,5-TP)						
93-76-5	2,4,5-T (TRICHLOROPHENOXYACETIC ACID)		880.9191	61.1031			
Metals							
7429-90-5	ALUMINUM	50	100000	7614.195		36597.97	36597.97
7440-36-0	ANTIMONY	3.5	81.75986	3.128571	5	2.3	2.3
7440-38-2	ARSENIC	10	2.727185	0.3896239	29	2.2	3.08202
7440-39-3	BARIUM	165	100000	537.4906	1600	364.5614	364.5614
7440-41-7	BERYLLIUM	1.1	2241.587	15.43742	63	0.4484718	0.4484718
7440-43-9	CADMIUM	1.6	81	3.7	8	0.04	0.04
7440-70-2	CALCIUM					210000	210000
7440-47-3	CHROMIUM, TOTAL	0.4	448.3169	210.6754	38	74	74
7440-48-4	COBALT	20	100000	469.2813		25	25
7440-50-8	COPPER	40	7590.847	290.5085		68	68
7439-89-6	IRON	200	100000	2346.318		37531.34	37531.34
57-12-5	CYANIDE, AMENABLE TO CHLORINATION	0.9	1762.038	122.2097	40		
7439-95-4	MAGNESIUM					12833.88	12833.88
7439-96-5	MANGANESE	100	3225.016	176.2353		1167.178	1167.178
7439-92-1	LEAD	50	100	40		12.95132	12.95132
7439-97-6	MERCURY	0.1	61.31992	2.346428		0.04564024	0.04564024
7440-02-0	NICKEL	30	4087.666	156.4281	130	40	40
7440-09-7	POTASSIUM					1907.608	1907.608
7782-49-2	SELENIUM	0.81	1021.979	39.10711	5	2	2
7440-22-4	SILVER	2	1021.979	39.10711	34	0.084	0.084
7440-23-5	SODIUM					6300	6300
7440-28-0	THALLIUM	1				0.67	0.67
7440-31-5	TIN	53	100000	4692.417			
7440-62-2	VANADIUM	2	1430.759	54.74994	6000	183.6659	183.6659
7440-66-6	ZINC	50	100000	2346.318	12000	65.09994	65.09994
Organochlorine Pesticides							
319-84-6	ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	0.0025	0.5944135	0.0902155	0.0005		
319-85-7	BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	0.001	2.080447	0.3157543	0.003		
319-86-8	DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)				0.009		

Appendix B-3
Soil Screening Criteria Tables
Site Management Plan, NASD, Vieques

CAS Number	Analyte	Ecological	Human Health			Background ⁴	
		USEPA Region IV ¹	USEPA Region IX				
		(mg/KG)	Industrial PRG ² (mg/kg)	Residential PRG ² (mg/kg)	Leachability ³ (mg/kg)	Surface Soil (mg/kg)	Subsurface Soil (mg/kg)
58-89-9	GAMMA BHC (LINDANE)	0.00005	2.880619	0.4371982	0.003		
76-44-8	HEPTACHLOR		0.5481266	0.1080845	23		
309-00-2	ALDRIN	0.0025	0.1450924	0.0286106	12000		
1024-57-3	HEPTACHLOR EPOXIDE		0.271052	0.05344841	0.7		
959-98-8	ALPHA ENDOSULFAN (ENDOSULFAN I)						
60-57-1	DIELDRIN	0.0005	0.1541607	0.03039877	0.004		
72-55-9	p,p'-DDE	0.0025	12.05536	1.719955	54		
72-20-8	ENDRIN	0.001	26.42757	1.833093	1		
33213-65-9	BETA ENDOSULFAN (ENDOSULFAN II)						
72-54-8	p,p'-DDD	0.0025	17.07842	2.436603	16		
1031-07-8	ENDOSULFAN SULFATE						
50-29-3	p,p'-DDT	0.0025	12.05536	1.719955	32		
72-43-5	METHOXYCHLOR						
7421-93-4	ENDRIN ALDEHYDE						
57-74-9	CHLORDANE		10.69944	1.623879	10		
5103-71-9	ALPHA-CHLORDANE						
5103-74-2	GAMMA-CHLORDANE						
53494-70-5	ENDRIN KETONE						
8001-35-2	TOXAPHENE		2.242334	0.4421636	31		
PCBs							
	Total PCBs	0.02	0.5	2.1	17		
12674-11-2	PCB-1016 (AROCHLOR 1016)		28.7048	0.3933082			
11096-82-5	PCB-1260 (AROCHLOR 1260)		1.004668	0.2218572			
11104-28-2	PCB-1221 (AROCHLOR 1221)		1.004668	0.2218572			
11141-16-5	PCB-1232 (AROCHLOR 1232)		1.004668	0.2218572			
53469-21-9	PCB-1242 (AROCHLOR 1242)		1.004668	0.2218572			
12672-29-6	PCB-1248 (AROCHLOR 1248)		1.004668	0.2218572			
11097-69-1	PCB-1254 (AROCHLOR 1254)		1.004668	0.2218572			
Semivolatile Organics							
111-44-4	bis(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)		0.619894	0.210897	0.0004		
108-95-2	PHENOL	0.05	100000	3666.186	100		
95-57-8	2-CHLOROPHENOL	0.01	24.13351	6.339846	4		
541-73-1	1,3-DICHLOROBENZENE		5.175544	1.323669			
56-57-5	4-NITROQUINOLINE-N-OXIDE						
106-46-7	1,4-DICHLOROBENZENE		8.128693	3.444185	2		
53-96-3	2-ACETYLAMINOFLUORENE						
95-50-1	1,2-DICHLOROBENZENE		370	370	17		
108-60-1	bis(2-CHLOROISOPROPYL) ETHER		8.078137	2.884216			
95-48-7	2-METHYLPHENOL (o-CRESOL)		4404.595	305.5155	15		
67-72-1	HEXACHLOROETHANE		176.1838	34.74147	0.5		
621-64-7	N-NITROSODI-n-PROPYLAMINE		0.3523676	0.06948293	0.00005		
782-06-0	CRESOLS, m & p	0.5					
98-95-3	NITROBENZENE	40	11.44635	1.964121	0.1		
78-59-1	ISOPHORONE		2596.393	511.9795	0.5		
88-75-5	2-NITROPHENOL						
105-67-9	2,4-DIMETHYLPHENOL		1761.838	122.2062	9		
111-91-1	bis(2-CHLOROETHOXY) METHANE						

Appendix B-3
Soil Screening Criteria Tables
Site Management Plan, NASD, Vieques

CAS Number	Analyte	Ecological	Human Health			Background ⁴	
		USEPA Region IV ¹	USEPA Region IX				
		(mg/KG)	Industrial PRG ² (mg/kg)	Residential PRG ² (mg/kg)	Leachability ³ (mg/kg)	Surface Soil (mg/kg)	Subsurface Soil (mg/kg)
120-83-2	2,4-DICHLOROPHENOL		264.2757	18.33093	1		
120-82-1	1,2,4-TRICHLOROBENZENE	0.01	3000	64.61807	5		
91-20-3	NAPHTHALENE	0.1	18.85566	5.591606	84		
106-47-8	4-CHLOROANILINE		352.3676	24.44124	0.7		
91-57-6	2-METHYLNAPHTHALENE						
87-68-3	HEXACHLOROBUTADIENE		31.62274	6.235648	2		
59-50-7	4-CHLORO-3-METHYLPHENOL						
77-47-4	HEXACHLOROCYCLOPENTADIENE	10	589.6843	42.33363	400		
88-06-2	2,4,6-TRICHLOROPHENOL	10	224.2343	44.21644	0.2		
95-95-4	2,4,5-TRICHLOROPHENOL	4	8809.19	611.0309	270		
91-58-7	2-CHLORONAPHTHALENE	1	2728.428	493.6641			
88-74-4	2-NITROANILINE		5.033823	0.3491606			
208-96-8	ACENAPHTHYLENE						
131-11-3	DIMETHYL PHTHALATE		100000	100000			
606-20-2	2,6-DINITROTOLUENE		88.0919	6.11031	0.0007		
83-32-9	ACENAPHTHENE	20	3835.83	368.1706	570		
99-09-2	3-NITROANILINE						
51-28-5	2,4-DINITROPHENOL	20	176.1838	12.22062	0.3		
132-64-9	DIBENZOFURAN		506.2805	29.05262			
121-14-2	2,4-DINITROTOLUENE		176.1838	12.22062	0.0008		
100-02-7	4-NITROPHENOL	7	704.7352	48.88248			
86-73-7	FLUORENE		3313.318	264.3614	560		
7005-72-3	4-CHLOROPHENYL PHENYL ETHER						
84-66-2	DIETHYL PHTHALATE		100000	4888.248			
100-01-6	4-NITROANILINE						
534-52-1	4,6-DINITRO-2-METHYLPHENOL						
86-30-6	N-NITROSODIPHENYLAMINE	20	503.3823	99.26133	1		
101-55-3	4-BROMOPHENYL PHENYL ETHER						
118-74-1	HEXACHLOROBENZENE	0.0025	1.541607	0.3039877	2		
87-86-5	PENTACHLOROPHENOL	0.002	11.09069	2.978985	0.03		
85-01-8	PHENANTHRENE	0.1					
120-12-7	ANTHRACENE	0.1	100000	2189.612	12000		
84-74-2	DI-n-BUTYL PHTHALATE	200	8809.19	611.0309	2300		
206-44-0	FLUORANTHENE	0.1	3009.972	229.361	4300		
129-00-0	PYRENE	0.1	5422.414	230.8676	4200		
85-68-7	BENZYL BUTYL PHTHALATE		100000	1222.062	930		
91-94-1	3,3'-DICHLOROBENZIDINE		5.481274	1.080846	0.007		
56-55-3	BENZO(a)ANTHRACENE		2.886461	0.621475	2		
218-01-9	CHRYSENE		288.6461	62.14751	160		
117-81-7	bis(2-ETHYLHEXYL) PHTHALATE		176.1838	34.74147			
117-84-0	DI-n-OCTYLPHTHALATE		10000	122.2062	10000		
205-99-2	BENZO(b)FLUORANTHENE		2.886461	0.621475	5		
207-08-9	BENZO(k)FLUORANTHENE		28.86461	6.214751	49		
50-32-8	BENZO(a)PYRENE	0.1	0.2886461	0.06214751	8		
193-39-5	INDENO(1,2,3-c,d)PYRENE		2.886461	0.621475	14		
53-70-3	DIBENZ(a,h)ANTHRACENE		0.2886461	0.06214751	2		

Appendix B-3
Soil Screening Criteria Tables
Site Management Plan, NASD, Vieques

CAS Number	Analyte	Ecological	Human Health			Background ⁴	
		USEPA Region IV ¹	USEPA Region IX			Surface Soil (mg/kg)	Subsurface Soil (mg/kg)
		(mg/KG)	Industrial PRG ² (mg/kg)	Residential PRG ² (mg/kg)	Leachability ³ (mg/kg)		
191-24-2	BENZO(g,h,i)PERYLENE	0.01			0.6		
86-74-8	CARBAZOLE		123.3287	24.31903			
98-86-2	ACETOPHENONE		0.1614421	0.04941832			
92-67-1	4-AMINOBIPHENYL (4-BIPHENYLAMINE)						
134-32-7	1-NAPHTHYLAMINE						
91-59-8	2-AMINONAPHTHALENE (BETA NAPHTHYLAMINE)						
62-53-3	ANILINE (PHENYLAMINE, AMINO BENZENE)		432.7322	85.32992			
106-50-3	p-PHENYLENEDIAMINE		100000	1160.959			
140-57-8	ARAMITE		98.66301	19.45523			
100-51-6	BENZYL ALCOHOL		100000	1833.093			
95-94-3	1,2,4,5-TETRACHLORO BENZENE	0.01	26.42757	1.833093			
510-15-6	CHLORO BENZILATE		9.135457	1.801409			
87-65-0	2,6-DICHLOROPHENOL						
2303-16-4	DIALATE		40.43563	7.973451			
88-85-7	DINOSEB		88.0919	6.11031			
57-97-6	7,12-DIMETHYLBENZ(a)ANTHRACENE						
119-93-7	3,3'-DIMETHYLBENZIDINE		0.2681058	0.05286745			
122-09-8	A,A-DIMETHYLPHENETHYL-AMINE						
122-39-4	DIPHENYLAMINE		2202.298	152.7577			
62-50-0	ETHYL METHANESULFONATE						
1888-71-7	HEXACHLOROPROPENE	0.1370319	0.02702114				
465-73-6	ISODRIN						
120-58-1	ISOSAFROLE						
143-50-0	KEPONE						
56-49-5	3-METHYLCHOLANTHRENE						
66-27-3	METHYL METHANESULFONATE						
91-80-5	METHAPYRILENE						
130-15-4	1,4-NAPHTHOQUINONE						
924-16-3	N-NITROSO-DI-N-BUTYLAMINE					0.0614189	0.02434727
55-18-5	N-NITROSODIETHYLAMINE					0.01644382	0.003242536
62-75-9	N-NITROSODIMETHYLAMINE	0.04836443	0.009536893				
10595-95-6	NITROSOMETHYLETHYLAMINE	0.112117	0.0221082				
59-89-2	N-NITROSOMORPHOLINE	1.174556	0.2316096				
100-75-4	N-NITROSOPIPERIDINE						
930-55-2	N-NITROSOPYRROLIDINE						
76-01-7	PENTACHLOROETHANE						
60-11-7	p-DIMETHYLAMINOAZOBENZENE						
608-93-5	PENTACHLOROBENZENE					70.47353	4.888248
82-68-8	PENTACHLORONITROBENZENE					9.486821	1.870694
62-44-2	PHENACETIN						
109-06-8	2-PICOLINE (ALPHA-PICOLINE)						
23950-58-5	PRONAMIDE					6606.893	458.2732
110-86-1	PYRIDINE	0.1	88.0919	6.11031			
94-59-7	SAFROLE	20	2642.757	183.3093			
58-90-2	2,3,4,6-TETRACHLOROPHENOL						
126-68-1	O,O,O-TRIETHYL PHOSPHOROTHIOATE						

Appendix B-3
Soil Screening Criteria Tables
Site Management Plan, NASD, Vieques

CAS Number	Analyte	Ecological	Human Health			Background ⁴	
		USEPA Region IV ¹	USEPA Region IX			Surface Soil (mg/kg)	Subsurface Soil (mg/kg)
		(mg/KG)	Industrial PRG ² (mg/kg)	Residential PRG ² (mg/kg)	Leachability ³ (mg/kg)		
95-53-4	o-TOLUIDINE		10.27739	2.026586			
99-55-8	5-NITRO-o-TOLUIDINE						
Volatile Organics							
75-71-8	DICHLORODIFLUOROMETHANE		30.82906	9.38791			
74-87-3	CHLOROMETHANE		2.661829	1.227117			
74-83-9	BROMOMETHANE		1.313784	0.3896561	0.2		
75-01-4	VINYL CHLORIDE	0.01	0.04866565	0.02174499	0.01		
75-00-3	CHLOROETHANE		6.506871	3.025816			
75-35-4	1,1-DICHLOROETHENE		0.118704	0.05364566	0.06		
75-15-0	CARBON DISULFIDE		720	35.53403	32		
75-34-3	1,1-DICHLOROETHANE		206.1343	58.9415	23		
67-64-1	ACETONE		621.9623	156.9639	16		
74-88-4	IODOMETHANE (METHYL IODIDE)						
67-66-3	CHLOROFORM	0.001	0.5210099	0.2444012	0.6		
75-09-2	METHYLENE CHLORIDE		20.52615	8.881285	0.02		
56-23-5	CARBON TETRACHLORIDE	1000	0.5292575	0.2394978	0.07		
71-43-2	BENZENE		1.464612	0.6722918	0.03		
107-06-2	1,2-DICHLOROETHANE	0.4	0.7648112	0.3459418	0.02		
78-93-3	METHYL ETHYL KETONE (2-BUTANONE)		2771.447	732.5377			
79-01-6	TRICHLOROETHYLENE (TCE)	0.001	6.116228	2.769969	0.06		
78-87-5	1,2-DICHLOROPROPANE	700	0.7677612	0.350557	0.03		
71-55-6	1,1,1-TRICHLOROETHANE		1400	76.84983	2		
75-27-4	BROMODICHLOROMETHANE		2.357295	1.024067	0.6		
10061-01-5	cis-1,3-DICHLOROPROPENE						
108-88-3	TOLUENE	0.05	520	520	12		
10061-02-6	trans-1,3-DICHLOROPROPENE		0.1778401	0.082102	0.004		
108-05-4	VINYL ACETATE		139.7377	42.57314	170		
124-48-1	DIBROMOCHLOROMETHANE		2.65377	1.108865	0.4		
108-90-7	CHLOROBENZENE	0.05	54.29268	15.20651	1		
100-41-4	ETHYLBENZENE	0.05	230	230	13		
108-10-1	METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)						
511-39-00	M,P-XYLENE (SUM OF ISOMERS)						
95-47-6	O-XYLENE (1,2-DIMETHYLBENZENE)						
79-00-5	1,1,2-TRICHLOROETHANE		1.901546	0.8425242	0.02		
127-18-4	TETRACHLOROETHYLENE(PCE)	0.01	18.66692	5.686041	0.06		
591-78-6	2-HEXANONE						
1330-20-7	XYLENES, TOTAL	0.05	210	210	210		
107-02-8	ACROLEIN		0.03365875	0.01030311			
107-13-1	ACRYLONITRILE	1000	0.5145006	0.2092683			
126-99-8	2-CHLORO-1,3-BUTADIENE		1.186481	0.3624721			
630-20-6	1,1,1,2-TETRACHLOROETHANE		7.036113	2.999624			
107-05-1	ALLYL CHLORIDE (3-CHLOROPROPENE)		4306.437	303.9457			
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE		3.979753	0.4544504			
100-42-5	STYRENE	0.1	1700	1700	4		
74-95-3	DIBROMOMETHANE		23.62499	6.690805			
110-57-6	trans-1,4-DICHLORO-2-BUTENE	1000	0.0184401	0.007907262			

Appendix B-3
Soil Screening Criteria Tables
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CAS Number	Analyte	Ecological	Human Health			Background ⁴	
		USEPA Region IV ¹	USEPA Region IX				
		(mg/KG)	Industrial PRG ² (mg/kg)	Residential PRG ² (mg/kg)	Leachability ³ (mg/kg)	Surface Soil (mg/kg)	Subsurface Soil (mg/kg)
75-25-2	BROMOFORM		312.2455	61.56889	0.8		
79-34-5	1,1,2,2-TETRACHLOROETHANE		0.8982441	0.3835781	0.003		
156-60-5	trans-1,2-DICHLOROETHENE		21.41523	6.323791	0.7		
96-18-4	1,2,3-TRICHLOROPROPANE		0.003085939	0.001432853			
106-93-4	ETHYLENE DIBROMIDE (1,2-DIBROMOETHANE)						
97-63-2	ETHYL METHACRYLATE		140	140			
75-69-4	TRICHLOROFLUOROMETHANE		2000	38.58179			
126-98-7	METHYLACRYLONITRILE						
80-62-6	METHYL METHACRYLATE		23.36652	6.967175			
107-12-0	PROPANE NITRILE (PROPIONITRILE)						

Legend:

¹Ecological Screening Values are from USEPA Region IV memo, (draft screening values) EPA Amended Guidance on Assessment at Military Bases: Proces: Ecological Risk Considerations, Timing of Activities, and Inclusion of Stakeholders, Region IV Office of Technical Services, June 23, 2000.

²PRG-T -Region IX Preliminary Remediation Goals – Residential, Industrial, and Migration to Groundwater values,
November 22, 2000 (HQ=0.1 applied to non-carcinogens)

³Region IX Soil Screening Levels, Migration to Ground Water - Dilution Attenuation Factor (DAF) 20, November 22, 2000.

⁴Background Values for Surface and Subsurface Soil, *Draft Soil, Groundwater, Surface Water, and Sediment Background Investigation Report for U.S. Naval Ammunition Support Detachment, Vieques Island, Puerto Rico* (CH2M Hill, June 2001)

Abbreviations:

CAS # - Chemical Abstract Number

HQ - Hazard Quotient. Under USEPA Region IV Guidance, HQ=0.1 is applied to non-carcinogenic compounds

DAF 20 - Dilution Attenuation Factor of 20%

Appendix B-4
Sediment Screening Criteria Tables
Site Management Plan, NASD, Vieques

CAS Number	Analyte	Ecological	Background ² (mg/kg)
		USEPA Region IV ¹ (mg/kg)	
Explosives			
2691-41-0	OCTAHYDRO-1,3,5,7-TETRANITRO-1,3,5,7-TETRAZOCINE		
121-82-4	HEXAHYDRO-1,3,5-TRINITRO-1,3,5,7-TETRAZOCINE		
99-35-4	1,3,5-TRINITROBENZENE		
99-65-0	1,3-DINITROBENZENE		
479-45-8	METHYL-2,4,6-TRINITROPHENYLNITRAMINE		
118-96-7	2,4,6-TRINITROTOLUENE		
88-72-2	2-NITROTOLUENE		
99-99-0	4-NITROTOLUENE		
99-08-1	3-NITROTOLUENE		
Metals			
7429-90-5	ALUMINUM		18763
7440-36-0	ANTIMONY	12	0.59
7440-38-2	ARSENIC	7.24	1.5
7440-39-3	BARIUM	200	121
7440-41-7	BERYLLIUM		0.46
7440-43-9	CADMIUM	1	0.14
7440-70-2	CALCIUM		263894
7440-47-3	CHROMIUM, TOTAL	52.3	11.9
7440-48-4	COBALT	20	8.8
7440-50-8	COPPER	18.7	50
7439-89-6	IRON		24906
7439-95-4	MAGNESIUM		24420
7439-96-5	MANGANESE		350
7439-92-1	LEAD	30.2	15.4
7439-97-6	MERCURY	0.13	0.052
7440-02-0	NICKEL	15.9	6.6
7440-09-7	POTASSIUM		8988
7782-49-2	SELENIUM		1.1
7440-22-4	SILVER	2	0.3
7440-23-5	SODIUM		67000
7440-28-0	THALLIUM		1.8
7440-62-2	VANADIUM		70
7440-66-6	ZINC	124	80
Organochlorine Pesticides			
319-84-6	ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)		
319-85-7	BETA BHC (BETA HEXACHLOROCYCLOHEXANE)		
319-86-8	DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)		
58-89-9	GAMMA BHC (LINDANE)	0.0033	
76-44-8	HEPTACHLOR	0.01	
309-00-2	ALDRIN		
1024-57-3	HEPTACHLOR EPOXIDE	0.0006	
959-98-8	ALPHA ENDOSULFAN (ENDOSULFAN I)		
60-57-1	DIELDRIN	0.0033	
72-55-9	p,p'-DDE	0.0033	
72-20-8	ENDRIN		
33213-65-9	BETA ENDOSULFAN (ENDOSULFAN II)		
72-54-8	p,p'-DDD	0.0033	
1031-07-8	ENDOSULFAN SULFATE		
50-29-3	p,p'-DDT	0.0033	
72-43-5	METHOXYCHLOR		
7421-93-4	ENDRIN ALDEHYDE		
5103-71-9	ALPHA-CHLORDANE	0.0017	
5103-74-2	GAMMA-CHLORDANE	0.0017	
53494-70-5	ENDRIN KETONE		
8001-35-2	TOXAPHENE		
PCBs			
	Total PCBs	0.02	
12674-11-2	PCB-1016 (AROCHLOR 1016)		
11104-28-2	PCB-1221 (AROCHLOR 1221)	0.067	
11141-16-5	PCB-1232 (AROCHLOR 1232)		
53469-21-9	PCB-1242 (AROCHLOR 1242)		
12672-29-6	PCB-1248 (AROCHLOR 1248)		
11096-82-5	PCB-1260 (AROCHLOR 1260)		
11097-69-1	PCB-1254 (AROCHLOR 1254)		
Semivolatile Organics			
111-44-4	bis(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)		
108-95-2	PHENOL		

Appendix B-4
Sediment Screening Criteria Tables
Site Management Plan, NASD, Vieques

CAS Number	Analyte	Ecological	Background ² (mg/kg)
		USEPA Region IV ¹ (mg/kg)	
95-57-8	2-CHLOROPHENOL		
541-73-1	1,3-DICHLOROBENZENE		
106-46-7	1,4-DICHLOROBENZENE		
95-50-1	1,2-DICHLOROBENZENE		
108-60-1	bis(2-CHLOROISOPROPYL) ETHER		
95-48-7	2-METHYLPHENOL (o-CRESOL)		
67-72-1	HEXACHLOROETHANE		
621-64-7	N-NITROSODI-n-PROPYLAMINE		
782-06-0	CRESOLS, m & p		
98-95-3	NITROBENZENE		
78-59-1	ISOPHORONE		
88-75-5	2-NITROPHENOL		
105-67-9	2,4-DIMETHYLPHENOL		
111-91-1	bis(2-CHLOROETHOXY) METHANE		
120-83-2	2,4-DICHLOROPHENOL		
120-82-1	1,2,4-TRICHLOROBENZENE		
91-20-3	NAPHTHALENE	0.33	
106-47-8	4-CHLOROANILINE		
91-57-6	2-METHYLNAPHTHALENE	0.33	
87-68-3	HEXACHLOROBUTADIENE		
59-50-7	4-CHLORO-3-METHYLPHENOL		
77-47-4	HEXACHLOROCYCLOPENTADIENE		
88-06-2	2,4,6-TRICHLOROPHENOL		
95-95-4	2,4,5-TRICHLOROPHENOL		
91-58-7	2-CHLORONAPHTHALENE		
88-74-4	2-NITROANILINE		
208-96-8	ACENAPHTHYLENE		
131-11-3	DIMETHYL PHTHALATE		
606-20-2	2,6-DINITROTOLUENE		
83-32-9	ACENAPHTHENE		
99-09-2	3-NITROANILINE		
51-28-5	2,4-DINITROPHENOL		
132-64-9	DIBENZOFURAN		
121-14-2	2,4-DINITROTOLUENE		
100-02-7	4-NITROPHENOL		
86-73-7	FLUORENE	0.33	
7005-72-3	4-CHLOROPHENYL PHENYL ETHER		
84-66-2	DIETHYL PHTHALATE		
100-01-6	4-NITROANILINE		
534-52-1	4,6-DINITRO-2-METHYLPHENOL		
86-30-6	N-NITROSODIPHENYLAMINE		
101-55-3	4-BROMOPHENYL PHENYL ETHER		
118-74-1	HEXACHLOROBENZENE		
87-86-5	PENTACHLOROPHENOL		
85-01-8	PHENANTHRENE	0.33	
120-12-7	ANTHRACENE	0.33	
84-74-2	DI-n-BUTYL PHTHALATE		
206-44-0	FLUORANTHENE	0.33	
129-00-0	PYRENE	0.33	
85-68-7	BENZYL BUTYL PHTHALATE		
91-94-1	3,3'-DICHLOROBENZIDINE		
56-55-3	BENZO(a)ANTHRACENE	0.33	
218-01-9	CHRYSENE	0.33	
117-81-7	bis(2-ETHYLHEXYL) PHTHALATE	0.182	
117-84-0	DI-n-OCTYLPHTHALATE		
205-99-2	BENZO(b)FLUORANTHENE	0.65	
207-08-9	BENZO(k)FLUORANTHENE	0.65	
50-32-8	BENZO(a)PYRENE	0.33	
193-39-5	INDENO(1,2,3-c,d)PYRENE	0.65	
53-70-3	DIBENZ(a,h)ANTHRACENE	0.33	
191-24-2	BENZO(g,h,i)PERYLENE	0.65	
86-74-8	CARBAZOLE		
Volatile Organics			
74-87-3	CHLOROMETHANE		
74-83-9	BROMOMETHANE		
75-01-4	VINYL CHLORIDE		
75-00-3	CHLOROETHANE		
75-35-4	1,1-DICHLOROETHENE		
75-15-0	CARBON DISULFIDE		

Appendix B-4
Sediment Screening Criteria Tables
Site Management Plan, NASD, Vieques

CAS Number	Analyte	Ecological	Background ² (mg/kg)
		USEPA Region IV ¹ (mg/kg)	
75-34-3	1,1-DICHLOROETHANE		
67-64-1	ACETONE		
67-66-3	CHLOROFORM		
75-09-2	METHYLENE CHLORIDE		
56-23-5	CARBON TETRACHLORIDE		
71-43-2	BENZENE	0.057	
107-06-2	1,2-DICHLOROETHANE		
78-93-3	METHYL ETHYL KETONE (2-BUTANONE)		
79-01-6	TRICHLOROETHYLENE (TCE)		
78-87-5	1,2-DICHLOROPROPANE		
71-55-6	1,1,1-TRICHLOROETHANE		
75-27-4	BROMODICHLOROMETHANE		
10061-01-5	cis-1,3-DICHLOROPROPENE		
108-88-3	TOLUENE	0.67	
10061-02-6	trans-1,3-DICHLOROPROPENE		
124-48-1	DIBROMOCHLOROMETHANE		
108-90-7	CHLOROBENZENE		
100-41-4	ETHYLBENZENE	3.6	
108-10-1	METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)		
511-39-00	M,P-XYLENE (SUM OF ISOMERS)		
95-47-6	O-XYLENE (1,2-DIMETHYLBENZENE)		
79-00-5	1,1,2-TRICHLOROETHANE		
127-18-4	TETRACHLOROETHYLENE(PCE)		
591-78-6	2-HEXANONE		
1330-20-7	XYLENES, TOTAL	0.05	
100-42-5	STYRENE		
75-25-2	BROMOFORM		
79-34-5	1,1,2,2-TETRACHLOROETHANE		

Screening Criteria

¹Ecological Screening Values are from USEPA Region IV memo, (draft screening values)*EPA Amended Guidance on Ecological Risk Assessment at Military Bases: Process Considerations, Timing of Activities, and Inclusion of Stakeholders*, Region IV Office of Technical Services, June 23, 2000.

²Background Values for Surface and Subsurface Soil, *Draft Soil, Groundwater, Surface Water, and Sediment Background Investigation Report for U.S. Naval Ammunition Support Detachment, Vieques Island, Puerto Rico* (CH2M Hill, June 2001)

APPENDIX C

Quitclaim Deed

QUITCLAIM DEED

(SEGREGATION, DESCRIPTION OF REMNANT, CONVEYANCE, CONSTITUTION OF EASEMENTS AND CONSTITUTION OF RESTRICTIVE COVENANTS)

THIS INDENTURE, made this 30th day of April, 2001, by and between the United States of America, acting by and through the Department of the Navy, hereinafter called the Government, and the Municipality of Vieques, Puerto Rico, acting by and through its Deputy Mayor, Municipality of Vieques, hereinafter called the Grantee.

WITNESSETH:

FIRST: That the Government represents that it is the owner and sole titleholder of certain real property identified as the Naval Ammunition Support Detachment (NASD) on the western portion of the Island of Vieques, Puerto Rico, made up of a parcel of land described as follows:

Rural: Parcel of land situated in the Wards of Mosquito, Florida and Llave, Municipality of Vieques, Puerto Rico, containing an area of seven thousand six hundred twenty six point three hundred ninety two (7,626.392) cuerdas, equivalent to twenty nine million nine hundred seventy four thousand seven hundred forty point three (29,974,740.3) square meters, equivalent to seven thousand four hundred six point eight hundred ninety two (7,406.892) acres; bounded on the North with the Atlantic Ocean and the Puerto Rico Ports Authority, Vieques Airport; on the South by the Caribbean Sea and the Puerto Rico Conservation Trust Fund's Parcel; on the East by lands of the Puerto Rico Land Administration, Wendy Price, Estate of Ambrosio López, Frank Radican, Estate of Juana López Robles, Estate of Rosa Brignoni, Lucrecia Perez Brignoni, Victoria Perez Brignoni, Manuel Pérez, Rosa Pérez Brignoni, Guillermo Carrión, Felipe Quiñones, Norberto Monel, Esteban Díaz; and on the West by the Atlantic Ocean.

The above described Property was formed as the remnant of the Government's property pursuant to a grouping (lot tie) of the remnant of property number one thousand twenty one (1021), recorded at page one hundred eighty one (181) overleaf of volume twenty eight (28) of Vieques, Registry of Property of Fajardo, Puerto Rico, property number one thousand forty two (1042), recorded at page fifty six (56) of volume twenty nine (29) of Vieques, Registry of Property of Fajardo, Puerto Rico, property number one thousand thirty seven (1037), recorded at page twenty two (22) of volume twenty nine (29) of Vieques, Registry of Property of Fajardo, Property number one thousand forty seven (1047), recorded at page ninety eight (98) of volume twenty nine (29) of Vieques, Registry of Property of Fajardo, Property number one thousand thirty eight (1038) recorded at page twenty nine (29) of volume twenty nine (29) of Vieques, Registry of Property of Fajardo, Puerto Rico and Property number one thousand thirty nine (1039) recorded at page thirty four (34) of volume twenty nine (29) of Vieques, Registry of Property of Fajardo, Puerto Rico, rectification of area of the joined properties, and the segregation and conveyance of a parcel of land to the Puerto Rico Conservation Trust, which deed was executed on 30 April 2001.

The Government wishes to segregate and herein proceeds to segregate from the Property following parcel of land hereinafter the "MOV Parcel":

MOV PARCEL

A parcel of land located in the Wards of Mosquito, Llave, and Puntas Arenas, Municipality of Vieques, bounded on the north by the Atlantic Ocean, on the East by the lands of the Puerto Rico Ports Authority, Vieques Airport, by the lands of the Land Administration of Puerto Rico, by lands now or formerly owned by Wendy Price, by lands now or formerly owned by Sucesion Anbriso Lopez, by lands now or formerly owned by Frank Radican, by lands now or formerly owned by Sucesion Anbriso Lopez, by lands now or formerly owned by Sucesion Juana Lopez Robles, by lands now or formerly owned by Sucesion Rosa Brignoni, by lands now or formerly owned by Sucesion Lucrecia Perez Brignoni, by lands now or formerly owned by Victoria Perez Brignoni, by lands now or formerly owned by Manuel Perez Rosa Perez Brignoni, by lands now or formerly owned by Guillermo Carrion, by lands now or formerly owned by Felipe Quinones, by lands now or formerly owned by Norberto Morell, by lands now or formerly owned by Esteban Diaz, on the South by the Caribbean Sea and lands belonging to the United States Government, and on the West by lands belonging to the United States Government, which parcel is more particularly defined in the following metes and bounds description:

Beginning at a survey control point in the Mosquito Wards, said point being a cross cut in the center of the helicopter-landing pad adjacent to Coconut Road. Said point also known as 'HELO' and having a northing of 763,057.4181 and an easting of 973,140.6533 noted as Point of Beginning on the plat labeled MUNICIPALITY OF VIEQUES BOUNDARY. Thence N61°42'02"E 8,030.97' to an iron rod and cap set at Punta Caballo, the True Point of Beginning, having a northing of 766,864.7478 and an easting of 980,211.7706; thence following a curve to an iron rod and cap set with a long chord of 952.86', chord bearing of S47°02'11"W, Radius=6600.00', Arc Len=953.69'; thence S84°52'40"W 462.90' to an iron rod and cap set; thence continuing S84°52'40"W 1719.02' to an iron rod and cap set; thence S13°39'11"E 1510.00' to an iron rod and cap set; thence N67°48'58"E 1101.00' to an iron rod and cap set; thence N74°00'06"E 235.66' to an iron rod and cap set; thence N74°56'42"E 45.77' to an iron rod and cap set; thence N75°08'04"E 49.96' to an iron rod and cap set; thence N75°06'04"E 50.18' to an iron rod and cap set; thence N76°00'10"E 50.36' to an iron rod and cap set; thence N76°09'34"E 62.50' to an iron rod and cap set; thence N76°16'21"E 37.57' to an iron rod and cap set; thence N76°52'12"E 50.59' to an iron rod and cap set; thence N77°47'04"E 99.93' to an iron rod and cap set; thence N78°19'41"E 250.21' to an iron rod and cap set; thence N78°51'58"E 150.83' to an iron rod and cap set; thence N79°41'04"E 100.34' to an iron rod and cap set; thence N80°38'06"E 107.82' to an iron rod and cap set; thence N81°14'47"E 110.56' to an iron rod and cap set; thence N81°49'37"E 97.64' to an iron rod and cap set; thence N82°28'56"E 83.01' to an iron rod and cap set; thence N83°06'22"E 51.53' to an iron rod and cap set; thence N82°59'30"E 164.02' to an iron rod and cap set; thence N83°54'54"E 89.45' to an iron rod and cap set; thence N85°41'28"E 109.66' to an iron rod and cap set; thence N86°51'51"E 118.84' to an iron rod and cap set; thence N88°23'39"E 76.40' to an iron rod and cap set; thence N89°50'04"E 87.50' to an iron rod and cap set; thence

N87°56'58"E 36.84' to an iron rod and cap set; thence N85°45'41"E 35.66' to an iron rod and cap set; thence N82°12'48"E 35.71' to an iron rod and cap set; thence N79°34'10"E 36.01' to an iron rod and cap set; thence N76°45'54"E 36.04' to an iron rod and cap set; thence N73°32'16"E 36.64' to an iron rod and cap set; thence N72°01'03"E 43.06' to an iron rod and cap set; thence N68°37'39"E 45.02' to an iron rod and cap set; thence N69°00'37"E 283.72' to an iron rod and cap set; thence N69°12'48"E 58.40' to an iron rod and cap set; thence N77°20'58"E 82.08' to an iron rod and cap set; thence N88°01'21"E 71.42' to an iron rod and cap set; thence S84°11'48"E 81.79' to an iron rod and cap set; thence S81°47'32"E 71.39' to an iron rod and cap set; thence S75°51'22"E 57.83' to an iron rod and cap set; thence S68°15'52"E 76.47' to an iron rod and cap set; thence S59°30'00"E 66.20' to an iron rod and cap set; thence S52°34'29"E 53.39' to an iron rod and cap set; thence S49°06'54"E 43.72' to an iron rod and cap set; thence S54°07'40"E 33.01' to an iron rod and cap set; thence N63°11'04"E 297.17' to an iron rod and cap set; thence S29°36'56"E 54.59' to an iron rod and cap set; thence S03°52'39"W 4027.16' to an iron rod and cap set; thence N89°03'27"W 510.68' to an iron rod and cap set; thence N89°36'24"W 1847.01' to a concrete monument found; thence S02°57'08"W 665.28' to a concrete monument found; thence S05°47'53"E 259.54' to an iron rod and cap set; thence S78°55'16"W 580.88' to an iron rod and cap set; thence N71°41'56"W 421.49' to an iron rod and cap set; thence N54°17'25"W 306.96' to a concrete monument found; thence N78°53'53"W 107.01' to an iron rod and cap set; thence N87°36'24"W 182.20' to an iron rod and cap set; thence N87°17'04"W 372.30' to an iron rod and cap set; thence S01°13'53"W 612.59' to an iron rod and cap set; thence S00°29'08"E 612.91' to an iron rod and cap set; thence N76°07'59"E 578.18' to a concrete monument found; thence S03°12'24"W 956.35' to an iron rod and cap set; thence N76°30'20"W 513.72' to a concrete monument found; thence S04°06'47"E 485.80' to an iron rod and cap set; thence S77°54'49"E 305.51' to a concrete monument found; thence S00°19'10"E 822.93' to a concrete monument found; thence N71°52'08"E 389.80' to a concrete monument found; thence S00°26'46"W 1329.07' to a concrete monument found; thence N89°48'55"E 458.46' to an iron rod and cap set; thence N89°01'08"E 86.42' to a concrete monument found; thence N89°59'05"E 517.61' to a concrete monument found; thence S00°04'53"W 1663.20' to a concrete monument found; thence S88°08'55"E 800.25' to an iron rod and cap set; thence S00°41'32"E 558.17' to an iron rod and cap set; thence S00°10'57"E 290.25' to an iron rod and cap set; thence S00°44'32"E 1119.23' to an iron rod and cap set; thence S01°03'55"E 991.90' to an iron rod and cap set, being point "A"; thence continuing S01°03'55"E 143.67' to a point on the approximate edge of water of the Caribbean Sea; thence westerly along the approximate edge of water of said Caribbean Sea to a point; thence departing said Caribbean Sea N11°17'56"W 186.90' to a concrete monument set, being point "B", and having a northing of 751,188.6452 and an easting of 977,903.5306; a tie line from point "A" to point "B" is defined as follows: S80°06'44"W 2675.60'; thence continuing N11°17'56"W 354.00' to a concrete monument set, having a northing of 751,535.7837 and an easting of 977,834.1718; thence S73°08'47"W 669.25' to a concrete monument set; thence N15°39'55"E 349.82' to a concrete monument set; thence N24°58'13"W 466.47' to a concrete monument set; thence N23°40'01"E 202.93' to a concrete monument set; thence N89°18'06"E 103.57' to a concrete monument set; thence S85°50'08"E 158.23' to a concrete monument set; thence N04°11'13"E 144.71' to a concrete monument set; thence N79°08'11"W 162.48' to a concrete monument set; thence N70°43'43"W 233.42' to a concrete monument set; thence N25°13'36"W 698.85' to a concrete monument set; thence N59°58'30"W 151.46' to a concrete monument set; thence

N73°51'34"W 1007.58' to a concrete monument set; thence S59°18'31"W 159.55' to a concrete monument set; thence S48°40'26"W 169.13' to a concrete monument set; thence S25°14'20"W 291.46' to a concrete monument set; thence S49°30'15"W 1127.15' to a concrete monument set; thence S79°45'11"W 91.57' to a concrete monument set; thence S00°01'33"W 61.44' to a concrete monument set; thence S84°18'36"E 97.60' to a concrete monument set; thence S41°43'34"E 60.35' to a concrete monument set; thence S22°38'47"E 75.16' to a concrete monument set; thence S02°41'06"W 129.32' to a concrete monument set; thence S59°14'22"E 675.70' to a concrete monument set; thence S84°16'44"W 3563.34' to a concrete monument set, having a northing of 751,296.6207 and an easting of 971,527.2890; thence N88°30'56"W 4885.98' to a concrete monument set, having a northing of 751,423.1838 and an easting of 966,642.9445; thence N03°37'02"W 86.48' to an iron rod and cap set; thence 33°19'05"W 430.20' to an iron rod and cap set; thence N49°12'04"W 293.06' to an iron rod and cap set; thence N08°36'39"W 136.56' to an iron rod and cap set; thence N21°14'01"W 122.25' to an iron rod and cap set; thence N06°51'14"E 136.00' to an iron rod and cap set; thence N16°44'43"E 185.88' to an iron rod and cap set; thence N21°00'20"E 186.71' to an iron rod and cap set; thence N08°47'40"E 191.49' to an iron rod and cap set; thence N05°27'35"E 149.19' to an iron rod and cap set; thence N22°07'47"E 181.83' to an iron rod and cap set; thence N06°27'23"W 321.05' to an iron rod and cap set; thence N05°26'56"W 108.69' to an iron rod and cap set; thence N11°45'01"E 59.49' to an iron rod and cap set; thence N23°26'56"E 65.68' to an iron rod and cap set; thence N32°28'23"E 134.63' to an iron rod and cap set; thence N34°20'09"E 179.27' to an iron rod and cap set; thence N54°26'31"E 237.07' to a concrete monument set, having a northing of 754,248.1640 and an easting of 966,721.3901; thence S85°22'34"E 74.06' to an iron rod and cap set; thence N79°27'19"E 345.89' to an iron rod and cap set; thence N72°07'19"E 139.53' to an iron rod and cap set; thence N69°58'11"E 746.64' to an iron rod and cap set; thence N72°48'17"E 982.86' to an iron rod and cap set; thence N85°31'17"E 106.19' to an iron rod and cap set; thence S76°07'50"E 79.36' to an iron rod and cap set; thence N65°58'24"E 103.55' to an iron rod and cap set; thence N57°04'25"E 124.99' to an iron rod and cap set; thence N67°17'52"E 132.42' to an iron rod and cap set; thence N83°14'03"E 130.28' to an iron rod and cap set; thence N88°19'05"E 199.33' to an iron rod and cap set; thence N78°57'06"E 74.36' to an iron rod and cap set; thence N61°00'35"E 150.80' to a concrete monument set, having a northing of 755,153.6452 and an easting of 969,946.5314; thence N81°59'42"E 86.21' to an iron rod and cap set; thence S69°32'59"E 73.26' to an iron rod and cap set; thence S50°12'14"E 84.32' to an iron rod and cap set; thence S36°16'36"E 139.76' to an iron rod and cap set; thence S37°49'54"E 453.66' to an iron rod and cap set; thence S34°31'44"E 184.49' to an iron rod and cap set; thence S31°17'37"E 239.71' to an iron rod and cap set; thence S36°15'09"E 75.38' to an iron rod and cap set; thence S74°45'05"E 80.32' to a concrete monument set, having a northing of 754,176.3623 and an easting of 970,877.4243; thence N65°22'10"E 52.43' to an iron rod and cap set; thence N31°47'48"E 57.69' to an iron rod and cap set; thence N10°13'08"E 278.46' to an iron rod and cap set; thence N30°20'11"E 85.14' to an iron rod and cap set; thence N58°18'35"E 63.96' to an iron rod and cap set; thence N81°27'44"E 341.84' to an iron rod and cap set; thence N53°41'01"E 64.67' to an iron rod and cap set; thence N25°40'52"E 158.58' to an iron rod and cap set; thence N63°11'31"E 55.13' to an iron rod and cap set; thence S82°03'52"E 65.54' to an iron rod and cap set; thence S67°06'17"E 90.43' to an iron rod and cap set; thence N88°29'36"E 71.66' to an iron rod and cap set; thence N53°41'09"E 71.19' to an iron rod and cap set; thence N33°28'19"E 150.44' to a concrete monument set, having a

northing of 755,010.5019 and an easting of 971,970.5712; thence N12°36'09"E 65.63' to an iron rod and cap set; thence N30°42'17"W 76.56' to an iron rod and cap set; thence N38°17'34"W 115.28' to an iron rod and cap set; thence N19°33'32"E 160.52' to an iron rod and cap set; thence N05°21'57"E 69.41' to an iron rod and cap set; thence N45°43'01"W 73.82' to an iron rod and cap set; thence S75°39'59"W 64.40' to an iron rod and cap set; thence S61°56'17"W 199.60' to an iron rod and cap set; thence S82°35'02"W 143.19' to an iron rod and cap set; thence N78°59'41"W 134.23' to an iron rod and cap set; thence N54°42'20"W 96.83' to an iron rod and cap set; thence N12°21'39"E 94.25' to an iron rod and cap set; thence N29°09'19"E 145.93' to an iron rod and cap set; thence N16°08'53"W 88.04' to an iron rod and cap set; thence N41°18'04"W 130.50' to an iron rod and cap set; thence N06°21'13"W 130.33' to an iron rod and cap set; thence N34°09'10"W 70.63' to an iron rod and cap set; thence N68°33'47"W 165.20' to a concrete monument set, having a northing of 756,106.4799 and an easting of 971,063.2438; thence N74°27'44"W 130.01' to an iron rod and cap set; thence N35°00'49"W 97.40' to an iron rod and cap set; thence N70°54'44"W 66.10' to an iron rod and cap set; thence S79°02'08"W 77.47' to an iron rod and cap set; thence S70°09'11"W 332.17' to an iron rod and cap set; thence S82°36'22"W 131.62' to an iron rod and cap set; thence N85°21'16"W 82.11' to an iron rod and cap set; thence N79°22'32"W 409.84' to an iron rod and cap set; thence N74°43'15"W 114.76' to an iron rod and cap set; thence N50°37'39"W 118.41' to an iron rod and cap set; thence N33°58'28"W 147.86' to an iron rod and cap set; thence N51°52'35"W 104.50' to an iron rod and cap set; thence N77°37'21"W 110.34' to an iron rod and cap set; thence S88°56'01"W 456.85' to an iron rod and cap set; thence S89°38'39"W 403.83' to an iron rod and cap set; thence N41°29'22"W 127.90' to an iron rod and cap set; thence N47°11'47"W 65.99' to an iron rod and cap set; thence N72°09'11"W 116.58' to an iron rod and cap set; thence N71°48'51"W 266.62' to an iron rod and cap set; thence N65°36'50"W 282.27' to an iron rod and cap set; thence N70°58'50"W 94.64' to an iron rod and cap set; thence N79°06'27"W 156.13' to an iron rod and cap set; thence S67°38'14"W 67.36' to an iron rod and cap set; thence S44°46'30"W 114.02' to an iron rod and cap set; thence S83°39'15"W 125.38' to an iron rod and cap set; thence S47°24'22"W 86.83' to an iron rod and cap set; thence S02°55'52"W 92.03' to an iron rod and cap set; thence S16°10'20"E 80.21' to an iron rod and cap set; thence S28°27'42"E 195.95' to an iron rod and cap set; thence S02°54'10"W 54.17' to a concrete monument set, having a northing of 756,347.5581 and an easting of 967,260.3822; thence S42°20'19"W 57.33' to an iron rod and cap set; thence S86°17'50"W 70.06' to an iron rod and cap set; thence N74°09'53"W 57.50' to an iron rod and cap set; thence N51°17'48"W 81.64' to an iron rod and cap set; thence N43°07'53"W 310.65' to an iron rod and cap set; thence N41°46'28"W 620.72' to an iron rod and cap set; thence N47°58'01"W 116.16' to an iron rod and cap set; thence N54°07'53"W 135.63' to an iron rod and cap set; thence N57°02'17"W 94.45' to an iron rod and cap set; thence N48°01'27"W 98.26' to an iron rod and cap set; thence N44°53'25"W 171.79' to an iron rod and cap set; thence N55°47'16"W 175.57' to an iron rod and cap set; thence N70°52'54"W 259.11' to an iron rod and cap set; thence N80°25'10"W 149.88' to an iron rod and cap set; thence N24°47'42"W 84.41' to an iron rod and cap set; thence N11°57'25"W 232.68' to an iron rod and cap set; thence N32°19'30"W 144.98' to an iron rod and cap set; thence N45°15'43"W 68.57' to an iron rod and cap set; thence N51°14'51"W 24.49' to a concrete monument set, having a northing of 758,151.9788 and an easting of 965,170.4559; thence N64°31'50"W 52.47' to an iron rod and cap set; thence N72°56'47"W 444.17' to an iron rod and cap set; thence N80°03'15"W 122.74' to an iron rod and cap set; thence

S82°16'17"W 100.88' to an iron rod and cap set; thence S59°49'59"W 309.71' to an iron rod and cap set; thence N47°54'59"W 155.13' to an iron rod and cap set; thence N89°23'48"W 1937.66' to an iron rod and cap set; thence following a curve to an iron rod and cap set with a long chord of 17.51', chord bearing of S12°44'57"E, Radius=50.00', Arc Len=17.60'; thence S22°50'00"E 371.07' to a concrete monument set, having a northing of 757,922.1025 and an easting of 962,304.9974; thence continuing S22°50'00"E 800.52' to an iron rod and cap set; thence following a curve to an iron rod and cap set with a long chord of 279.26', chord bearing of S00°19'41"W, Radius=355.00', Arc Len=287.01'; thence following a curve to an iron rod and cap set with a long chord of 214.73', chord bearing of S27°48'38"W, Radius=1425.00', Arc Len=214.94'; thence S32°07'54"W 406.25' to an iron rod and cap set; thence following a curve to an iron rod and cap set with a long chord of 11.32', chord bearing of S31°26'57"W, Radius=475.00', Arc Len=11.32'; thence S30°45'59"W 432.29' to an iron rod and cap set; thence following a curve to an iron rod and cap set with a long chord of 17.40', chord bearing of S31°42'58"W, Radius=525.00', Arc Len=17.41'; thence S32°39'58"W 130.66' to a concrete monument set, having a northing of 755,865.1991 and an easting of 961,991.0745; thence N52°38'33"W 229.55' to an iron rod and cap set; thence N70°30'29"W 56.92' to an iron rod and cap set; thence N83°38'22"W 461.84' to an iron rod and cap set; thence S80°13'48"W 726.52' to an iron rod and cap set; thence N47°26'26"W 267.20' to an iron rod and cap set; thence N59°19'59"W 82.17' to an iron rod and cap set; thence N75°55'28"W 150.01' to an iron rod and cap set; thence N82°01'26"W 229.40' to an iron rod and cap set; thence N86°30'48"W 188.81' to an iron rod and cap set; thence S76°32'40"W 246.35' to an iron rod and cap set; thence S59°29'19"W 133.25' to a concrete monument set, having a northing of 756,128.8133 and an easting of 959,396.9439; thence S09°02'31"W 385.11' to an iron rod and cap set; thence S19°15'37"W 176.56' to an iron rod and cap set; thence S25°09'34"W 127.90' to an iron rod and cap set; thence S31°57'35"W 437.84' to an iron rod and cap set; thence S38°48'14"W 240.74' to an iron rod and cap set; thence S12°05'36"W 338.28' to an iron rod and cap set; thence S15°52'06"W 233.62' to an iron rod and cap set; thence S53°40'46"W 83.21' to an iron rod and cap set; thence following a curve to an iron rod and cap set with a long chord of 2642.91', chord bearing of N33°41'22"W, Radius=3000.00', Arc Len=2736.83'; thence N30°02'44"E 530.95' to a concrete monument set, having a northing of 756,960.7567 and an easting of 957,439.1940; thence N78°49'26"E 4908.81' to an iron rod and cap set; thence N22°50'00"W 360.76' to an iron rod and cap set; thence following a curve to an iron rod and cap set with a long chord of 37.82', chord bearing of N11°55'54"W, Radius=100.00', Arc Len=38.05'; thence N89°23'48"W 19.09' to a concrete monument set, having a northing of 758,281.9015 and an easting of 962,088.0120; thence N62°07'15"W 216.53' to an iron rod and cap set; thence N76°16'02"W 171.91' to an iron rod and cap set; thence S66°48'17"W 248.21' to an iron rod and cap set; thence S83°30'42"W 152.77' to an iron rod and cap set; thence N82°41'20"W 85.25' to an iron rod and cap set; thence following a curve to an iron rod and cap set with a long chord of 609.97', chord bearing of N54°04'54"W, Radius=636.98', Arc Len=636.07'; thence following a curve to an iron rod and cap set with a long chord of 316.54', chord bearing of N16°51'43"E, Radius=235.00', Arc Len=347.29'; thence N59°11'54"E 447.00' to an iron rod and cap set; thence N65°23'04"E 209.35' to an iron rod and cap set; thence N76°48'10"E 370.08; thence N56°21'58"E 216.87' to an iron rod and cap set; thence N50°03'24"E 459.10' to an iron rod and cap set; thence N22°34'45"E 90.16' to a concrete monument set, having a northing of 759,879.2563 and an easting of 962,364.6976; thence due North 430.89' to iron rod and cap set; thence S89°59'53"E 110.73' to an iron rod and cap set;

thence N00°00'07"E 300.01' to an iron rod and cap set; thence N89°45'22"W 110.74' to an iron rod and cap set; thence due North 173.31' to a concrete monument set, having a northing of 760,783.9340 and an easting of 962,364.6970; thence continuing due North 53.34' to a point on the approximate edge of water of Sonda de Vieques; thence northeasterly along the approximate edge of water of said Sonda de Vieques, including the Mosquito Pier Breakwater and Causeway, to an iron rod and cap set at Punta Caballo, the True Point of Beginning; less and except the Relocatable Over the Horizon Radar (ROTHR) electrical substation, herein described as follows:

Beginning at a survey control point in the Mosquito Wards, said point being a cross cut in the center of the helicopter landing pad adjacent to Coconut Road. Said point also known as "HELO" and having a northing of 763,057.4181 and an easting of 973,140.6533 noted as the Point of Beginning on the plat labeled RELOCATABLE OVER THE HORIZON RADAR (ROTHR) ELECTRIC SUBSTATION SITE. Thence S07°01'08"W 1058.88' to a concrete monument, the True Point of Beginning, having a northing of 762,006.4696 and an easting of 973,011.2588:

Thence following a curve with a long chord of 89.19', chord bearing of S03°27'03"W
Radius=1275.00'
Arc Len=89.21'
Thence S05°27'20"W 18.73' to a concrete monument;
Thence N86°41'22"W 65.23' to a concrete monument;
Thence N02°16'47"E 108.10' to a concrete monument;
Thence S86°32'32"E 68.10' to a concrete monument and the True Point of Beginning.

Said parcel containing 7,275 square feet or 0.167 acre which equates to 675.8 square meters or 0.172 cuerdas.

Said MOV parcel containing four thousand, two hundred forty eight and six hundred eighty eight thousandths (4,248.688) acres, which equates to seventeen million, one hundred ninety three thousand, eight hundred ninety three (17,193,893) square meters or four thousand, three hundred seventy four and five hundred ninety six thousandths (4,374.596) cuerdas to the approximate edge of the water.

The MOV parcel is subject to the following constituted easements:

1. In favor of the Puerto Rico Conservation Trust, a strip of land having a length of eight thousand one hundred eighteen point zero (8,118.0) meters and a width of fifteen point twenty four (15.24) meters running from West to East, bounded on the North with land of the United States of America to be conveyed to the Municipality of Vieques and the Puerto Rico Ports Authority's Vieques Airport, on the South with land of the United States of America to be conveyed to the Municipality of Vieques, on the East with the Puerto Rico Conservation Trust Fund's Parcel A and the Puerto Rico Land Administration, and on the West with land of the United States of America, and land of the United States of America to be conveyed to the Municipality of Vieques.

2. In favor of the Puerto Rico Conservation Trust, a strip of land having a length 4,539.1 meters and a width of 15.24 meters running from North to South, bounded on the North with the Municipality of Vieques, South with the United States Government and the Municipality of Vieques, East with the Municipality of Vieques, and on the West with the Municipality of Vieques.

3. In favor of the Puerto Rico Conservation Trust, a strip of land having a length of one thousand eight hundred ninety two point five (1,892.5) meters and a width of seven point sixty two (7.62) meters running from the Northwest to the Southeast, bounded on the North and East with land of the United States of America to be conveyed to the Municipality of Vieques and on the South and West with land of the United States of America to be conveyed to the Municipality of Vieques and land of the Puerto Rico Conservation Trust Fund.

4. In favor of the Puerto Rico Conservation Trust, Strip of land having a length of five hundred eighty five point three (585.3) meters and a width of fifteen point twenty four (15.24) meters running North to South, bounded on the North, East and West with land of the United States of America to be conveyed to the Municipality of Vieques, and on the South with land of the Puerto Rico Conservation Trust Fund.

For purposes of its recording at the Registry of Property, this parcel of land is valued at one dollar (\$1.00).

After the segregation of the MOV Parcel, the description of the remnant remaining in Federal Government ownership, hereinafter Remnant, is described as follows:

Parcel of land, hereinafter referred to as the Remnant, made of three portions identified as Parcel A, Parcel B, and Parcel C, located in the Wards of Punta Arenas, Mosquito, and Llave, Municipality of Vieques, Puerto Rico, containing 3,251.796 cuerdas which equates to 12,780,847 square meters or 3,158.204 acres, which Remnant is described as follows:

Parcel A. A parcel of land situated in the Wards of Mosquito, Punta Ares, and Llave, Municipality of Vieques, Puerto Rico, containing an area of two thousand, eight hundred twenty one and four hundred and sixty two thousandths (2,821.462) acres, which equates to eleven million, four hundred eighteen thousand, ninety eight and two tenths (11,418,098.2) square meters or two thousand nine hundred and five and seventy six thousandths (2,905.076) cuerdas; bounded on the north by the Municipality of Vieques, the Atlantic Ocean, and the Puerto Rico Conservation Trust, on the East by the Municipality of Vieques and the Puerto Rico Conservation Trust, on the West by the Atlantic Ocean, and on the South by the Caribbean Sea.

Parcel B. A parcel of land situated in the Wards of Llave, Municipality of Vieques, Puerto Rico, containing an area of three hundred thirty six and five hundred seventy five thousandths (336.575) acres, which equates to one hundred thirty six thousand, two hundred and three (136,203.0) square meters or three hundred forty six and five hundred forty eight thousandths (346.548) cuerdas; bounded on the North by the Municipality of Vieques, on the East by the

Municipality of Vieques, on the South by the Caribbean Sea, and on the West by the Puerto Rico Conservation Trust and the Municipality of Vieques.

Parcel C. Parcel of land situated in the Wards of Mosquito, Municipality of Vieques, Puerto Rico, containing an area of one hundred and sixty seven thousandths (0.167) acres, which equates to six hundred seventy five and eight tenths (675.8) square meters or one hundred and seventy two thousandths (0.172) cuerdas; bounded on the North by the Municipality of Vieques, on the South by the Municipality of Vieques, on the East by the Municipality of Vieques and on the West by the Municipality of Vieques.

SECOND: The MOV Parcel is subject to all recorded and all existing and visible unrecorded reservations, easements, and rights-of-way for public roads, pipelines, drainage ditches and public utilities presently existing and;

THIRD: Pursuant to Section 1508 (b) of Public Law 106-398, the Secretary of the Navy hereby conveys the MOV Parcel to Grantee on the terms and conditions hereinafter stated and such conveyance is not incompatible with the public interest;

FOURTH: That the Grantee herein accepts the conveyance of all of the Government's property interests title and rights on the MOV Parcel; and

FIFTH: The conveyance is authorized pursuant to the authority of U.S. Public Law 106-398.

WHEREFORE, the Government and the Grantee further covenant and agree as follows:

I. Conveyance.

A. The Government hereby remises, releases, and quitclaims, and by these presents does remise, release, and quitclaim unto the Grantee, and its successors and assigns, forever, all right, title, and interest which the Government has in the MOV Parcel subject to the conditions and easements set forth in paragraph FIFTH II and FIFTH III, further subject to all recorded and unrecorded reservations, easements, and rights-of-way for public roads, pipelines, drainage ditches, and public utilities presently existing and visible; further subject to all easements and covenants constituted from their origin.

II. Easements. The MOV parcel is further subject to the following easements:

A. **Retained Land Interests for Navy Operations.** Pursuant to Section of 1506 of U.S. Public Law 106-398, the Government hereby constitutes the following described easements and interests over the MOV parcel necessary for the operation and support of the ROTH and the Mount Pirata Telecommunication Site, as described herein. Government and Grantee further agree that all easements and rights of way retained by the Government or for whose benefit such interests are constituted pursuant to Section 1506(b)(3) of Public Law 106-398, as more particularly described in II.A., subsections 1 to 9 herein, shall cease and terminate upon the occurrence of any of following events, whichever happens first:

1. When the United States permanently ceases operations of the ROTH and Mt. Pirata or disposes of the site; or

2. When said easements, rights of way and other interests in property are no longer necessary for:

a. Ensuring access to the site for ROTH and the Mount Pirata telecommunications sites;

b. Providing utilities for such properties;

c. Ensuring the security of such properties; and

d. Ensuring effective maintenance and operations of such properties.

Upon termination of any easement herein retained pursuant to section 1506(b)(3) of Public Law 106-398, the Government will deliver to the Grantee in recordable form a release relating specifically to any of the easements retained pursuant to section 1506(b)(3).

1. An easement for ingress and egress constituted in favor of the Government over the MOV Parcel to provide access to the Mount Pirata Telecommunications site to be retained for as long as needed pursuant to Public Law 106-398, section 1506(b)(3).

Beginning at a survey control point in the Punta Arenas ward, said point being a brass disk stamped Defense Mapping Agency 'PIRATA' and located in the center of the helicopter landing pad at the top of Mt. Pirata. Said point having a northing of 751,423.8496 and an easting of 962,515.1200. Thence N06°43'46"W 4472.16' to a concrete monument, the True Point of Beginning, having a northing of 755,865.1991 and an easting of 961,991.0745:

Thence N52°38'33"W 50.17' to a point;

Thence N32°39'58"E 126.55' to a point;

Thence following a curve to a point with a long chord of 15.75', chord bearing of N31°42'58"E

Radius=475.00'

Arc Len=15.75'

Thence N30°45'59"E 432.29' to a point;

Thence following a curve to a point with a long chord of 12.51', chord bearing of N31°26'57"E

Radius=525.00'

Arc Len=12.51'

Thence N32°07'54"E 406.25' to a point;

Thence following a curve to a point with a long chord of 207.20', chord bearing of N27°48'38"E

Radius=1375.00'

Arc Len=207.39'

Thence following a curve to a point with a long chord of 239.93', chord bearing of
N00°19'41"E

Radius=305.00'

Arc Len=246.59'

Thence N22°50'00"W 1171.59' to a point;

Thence following a curve to a point with a long chord of 127.43', chord bearing of
N16°44'47"E

Radius=100.00'

Arc Len=138.16'

Thence N56°19'33"E 170.60' to a point;

Thence following a curve to a point with a long chord of 6.32', chord bearing of
N55°56'41"E

Radius=475.00'

Arc Len=6.32'

Thence N55°33'49"E 216.10' to a point;

Thence following a curve to a point with a long chord of 323.13', chord bearing of
N48°23'48"E

Radius=1295.00'

Arc Len=323.98'

Thence N41°13'46"E 132.07' to a point;

Thence following a curve to a point with a long chord of 165.68', chord bearing of
N21°12'44"E

Radius=242.00'

Arc Len=169.09'

Thence N01°11'41"E 393.57' to a point;

Thence following a curve to a point with a long chord of 135.70', chord bearing of
N41°40'35"E

Radius=104.51'

Arc Len=147.69'

Thence following a curve to a point with a long chord of 310.82', chord bearing of
N71°05'47"E

Radius=810.00'

Arc Len=312.76'

Thence N60°02'05"E 347.51' to a point;

Thence following a curve to a point with a long chord of 219.30', chord bearing of
N64°05'28"E

Radius=1550.00'

Arc Len=219.48'

Thence N68°08'52"E 1975.67' to a point;

Thence following a curve to a point with a long chord of 31.10', chord bearing of
N69°01'01"E

Radius=1025.00'

Arc Len=31.10'

Thence N69°53'11"E 454.51' to a point;

Thence following a curve to a point with a long chord of 6.53', chord bearing of
N70°04'08"E

Radius=1025.00'

Arc Len=6.53'

Thence N70°15'06"E 508.01' to a point;

Thence following a curve to a point with a long chord of 435.57', chord bearing of
N75°11'58"E

Radius=2525.00'

Arc Len=436.11'

Thence N80°08'51"E 1301.38' to a point;

Thence following a curve to a point with a long chord of 253.83', chord bearing of
N67°45'55"E

Radius=591.88'

Arc Len=255.82'

Thence N55°22'59"E 279.97' to a point;

Thence following a curve to a point with a long chord of 14.53', chord bearing of
N54°30'24"E

Radius=475.00'

Arc Len=14.53'

Thence N53°37'49"E 546.74' to a point;

Thence following a curve to a point with a long chord of 11.52', chord bearing of
N52°56'08"E

Radius=475.00'

Arc Len=11.52'

Thence N52°14'28"E 643.36' to a point;

Thence following a curve to a point with a long chord of 6.63', chord bearing of
N52°36'11"E

Radius=525.00'

Arc Len=6.63'

Thence N52°57'54"E 456.90' to a point;

Thence following a curve to a point with a long chord of 8.54', chord bearing of
N52°26'59"E

Radius=475.00'

Arc Len=8.55'

Thence N51°56'03"E 507.01' to a point;

Thence following a curve to a point with a long chord of 370.52', chord bearing of
N59°40'39"E

Radius=1375.00'

Arc Len=371.65'

Thence N67°25'14"E 871.26' to a point;

Thence following a curve to a point with a long chord of 310.16', chord bearing of
N71°48'46"E

Radius=2025.00'

Arc Len=310.47'

Thence N76°12'18"E 56.43' to a point;

Thence following a curve to a point with a long chord of 227.99', chord bearing of N88°44'45"E

Radius=525.00'

Arc Len=229.82'

Thence S78°42'48"E 478.89' to a point;

Thence following a curve to a point with a long chord of 478.06', chord bearing of N82°42'07"E

Radius=750.00'

Arc Len=486.55'

Thence N64°07'02"E 561.98' to a point;

Thence following a curve to a point with a long chord of 422.55', chord bearing of N70°06'21"E

Radius=2025.00'

Arc Len=423.31'

Thence N76°05'40"E 585.73' to a point;

Thence following a curve to a point with a long chord of 626.02', chord bearing of N70°46'23"E

Radius=3375.00'

Arc Len=626.91'

Thence N65°27'06"E 761.14' to a point;

Thence following a curve to a point with a long chord of 398.69', chord bearing of N68°09'21"E

Radius=4225.00'

Arc Len=398.83'

Thence N70°51'37"E 352.98' to a point;

Thence following a curve to a point with a long chord of 244.61', chord bearing of N64°53'08"E

Radius=1175.00'

Arc Len=245.05'

Thence N58°54'39"E 391.22' to a point;

Thence following a curve to a point with a long chord of 7.64', chord bearing of N59°19'40"E

Radius=525.00'

Arc Len=7.64'

Thence N59°44'41"E 447.88' to a point;

Thence S13°39'11"E 52.17' to a point;

Thence S59°44'41"W 432.97' to a point;

Thence following a curve to a point with a long chord of 6.91', chord bearing of S59°19'40"W

Radius=475.00'

Arc Len=6.91'

Thence S58°54'39"W 391.22' to a point;

Thence following a curve to a point with a long chord of 20.41', chord bearing of S59°23'18"W

Radius=1225.00'

Arc Len=20.41'

Thence following a curve to a point with a long chord of 156.87', chord bearing of
S57°35'31"E

Radius=225.00' Arc Len=160.23'

Thence S37°11'26"E 113.54' to a point;

Thence following a curve to a point with a long chord of 119.95', chord bearing of
S30°37'51"E

Radius=525.00'

Arc Len=120.21'

Thence following a curve to a point with a long chord of 229.03', chord bearing of
S64°56'32"E

Radius=175.00'

Arc Len=249.67'

Thence N74°11'12"E 343.05' to a point;

Thence following a curve to a point with a long chord of 142.58', chord bearing of
S60°20'30"E

Radius=100.00'

Arc Len=158.73'

Thence following a curve to a point with a long chord of 60.97', chord bearing of
S52°26'06"E

Radius=50.00'

Arc Len=65.56'

Thence Due East N90°00'00"E 411.09' to a point;

Thence following a curve to a point with a long chord of 97.70', chord bearing of
N49°21'27"E

Radius=75.00' Arc Len=106.40'

Thence N08°42'54" 127.15' to a point;

Thence following a curve to a point with a long chord of 123.29', chord bearing of
N38°15'52"E

Radius=125.00'

Arc Len=128.93' Thence N67°48'51"E 411.37' to a point;

Thence following a curve to a point with a long chord of 56.51', chord bearing of
N70°53'56"E

Radius=525.00' Arc Len=56.53'

Thence N73°59'02"E 96.68' to a point;

Thence following a curve to a point with a long chord of 651.65', chord bearing of
N76°22'40"E

Radius=7800.00' Arc Len=651.84'

Thence N78°46'19"E 394.04' to a point;

Thence following a curve to a point with a long chord of 52.26', chord bearing of
N80°13'58"E

Radius=1025.00' Arc Len=52.27'

Thence N81°41'37"E 369.76' to a point;

Thence following a curve to a point with a long chord of 634.34', chord bearing of
N85°49'39"E

Radius=4400.00' Arc Len=634.89'

Thence following a curve to a point with a long chord of 316.07', chord bearing of N79°33'21"E

Radius=875.00'

Arc Len=317.81' Thence N69°09'01"E 343.56' to a point;

Thence following a curve to a point with a long chord of 274.27', chord bearing of N85°55'52"E

Radius=475.00' Arc Len=278.24'

Thence S77°17'17"E 47.62' to a point;

Thence following a curve to a point with a long chord of 275.72', chord bearing of S62°03'52"E

Radius=525.00'

Arc Len=278.99' Thence following a curve to a point with a long chord of 232.74', chord bearing of S82°25'15"E

Radius=200.00'

Arc Len=248.40' Thence following a curve to a point with a long chord of 104.81', chord bearing of N67°31'00"E

Radius=545.00'

Arc Len=104.97'

Thence S03°52'39"W 53.90' to a point;

Thence following a curve to a point with a long chord of 76.08', chord bearing of S66°24'24"W

Radius=495.00'

Arc Len=76.16'

Thence following a curve to a point with a long chord of 290.92', chord bearing of N82°25'15"W

Radius=250.00' Arc Len=310.50'

Thence following a curve to a point with a long chord of 249.46', chord bearing of N62°03'52"W

Radius=475.00'

Arc Len=252.42' Thence N77°17'17"W 47.62' to a point;

Thence following a curve to a point with a long chord of 245.40', chord bearing of S85°55'52"W

Radius=425.00' Arc Len=248.95'

Thence S69°09'01"W 343.56' to a point;

Thence following a curve to a point with a long chord of 334.13', chord bearing of S79°33'21"W

Radius=925.00'

Arc Len=335.97' Thence following a curve to a point with a long chord of 627.14', chord bearing of S85°49'39"W

Radius=4350.00'

Arc Len=627.68' Thence S81°41'37"W 369.76' to a point;

Thence following a curve to a point with a long chord of 49.71', chord bearing of S80°13'58"W

Radius=975.00'

Arc Len=49.72' Thence S78°46'19"W 394.04' to a point;

Thence following a curve to a point with a long chord of 647.47', chord bearing
S76°22'40"W

Radius=7750.00'

Arc Len=647.66' Thence S73°59'02"W 96.68' to a point;

Thence following a curve to a point with a long chord of 51.12', chord bearing of
S70°53'56"W

Radius=475.00' Arc Len=51.15'

Thence S67°48'51"W 411.37' to a point;

Thence following a curve to a point with a long chord of 73.98', chord bearing of
S38°15'52"W

Radius=75.00' Arc Len=77.36'

Thence S08°42'54"W 127.15' to a point;

Thence following a curve to a point with a long chord of 162.83', chord bearing of
S49°21'27"W

Radius=125.00'

Arc Len=177.34' Thence Due West S90°00'00"W 411.09' to a point;

Thence following a curve to a point with a long chord of 121.93', chord bearing of
N52°26'06"W

Radius=100.00'

Arc Len=131.13' Thence following a curve to a point with a long chord of
71.29', chord bearing of N60°20'30"W

Radius=50.00' Arc Len=79.36'

Thence S74°11'12"W 343.05' to a point;

Thence following a curve to a point with a long chord of 294.46', chord bearing of
N64°56'32"W

Radius=225.00'

Arc Len=321.00'

Thence following a curve to a point with a long chord of 108.53', chord bearing of
N30°37'51"W

Radius=475.00'

Arc Len=108.76'

Thence N37°11'26"W 113.54' to a point;

Thence following a curve to a point with a long chord of 217.29', chord bearing
N75°34'02"W

Radius=175.00'

Arc Len=234.43'

Thence following a curve to a point with a long chord of 102.69', chord bearing of
S68°27'29"W

Radius=1225.00'

Arc Len=102.72' Thence S70°51'37"W 352.98' to a point;

Thence following a curve to a point with a long chord of 393.97', chord bearing of
S68°09'21"W

Radius=4175.00'

Arc Len=394.11'

Thence S65°27'06"W 761.14' to a point;

Thence following a curve to a point with a long chord of 635.30', chord bearing of
 S70°46'23"W
 Radius=3425.00'
 Arc Len=636.20'
 Thence S76°05'40"W 585.73' to a point;
 Thence following a curve to a point with a long chord of 412.11', chord bearing of
 S70°06'21"W
 Radius=1975.00'
 Arc Len=412.86'
 Thence S64°07'02"W 561.98' to a point;
 Thence following a curve to a point with a long chord of 509.93', chord bearing of
 S82°42'07"W
 Radius=800.00'
 Arc Len=518.98'
 Thence N78°42'48"W 478.89' to a point;
 Thence following a curve to a point with a long chord of 206.28', chord bearing of
 S88°44'45"W
 Radius=475.00'
 Arc Len=207.93'
 Thence S76°12'18"W 56.43' to a point;
 Thence following a curve to a point with a long chord of 302.51', chord bearing of
 S71°48'46"W
 Radius=1975.00'
 Arc Len=302.80'
 Thence S67°25'14"W 871.26' to a point;
 Thence following a curve to a point with a long chord of 357.04', chord bearing of
 S59°40'39"W
 Radius=1325.00'
 Arc Len=358.13'
 Thence S51°56'03"W 507.01' to a point;
 Thence following a curve to a point with a long chord of 9.44', chord bearing of
 S52°26'59"W
 Radius=525.00'
 Arc Len=9.45'
 Thence S52°57'54"W 456.90' to a point;
 Thence following a curve to a point with a long chord of 6.00', chord bearing of
 S52°36'11"W
 Radius=475.00'
 Arc Len=6.00'
 Thence S52°14'28"W 643.36' to a point;
 Thence following a curve to a point with a long chord of 12.73', chord bearing of
 S52°56'08"W
 Radius=525.00'
 Arc Len=12.73'
 Thence S53°37'49"W 546.74' to a point;

Thence following a curve to a point with a long chord of 16.06', chord bearing of
S54°30'24"W

Radius=525.00'

Arc Len=16.06'

Thence S55°22'59"W 279.97' to a point;

Thence following a curve to a point with a long chord of 275.28', chord bearing of
S67°45'55"W

Radius=641.88'

Arc Len=277.43'

Thence S80°08'51"W 1301.38' to a point;

Thence following a curve to a point with a long chord of 426.94', chord bearing of
S75°11'58"W

Radius=2475.00'

Arc Len=427.47'

Thence S70°15'06"W 508.01' to a point;

Thence following a curve to a point with a long chord of 6.22', chord bearing of
S70°04'08"W

Radius=975.00'

Arc Len=6.22'

Thence S69°53'11"W 454.51' to a point;

Thence following a curve to a point with a long chord of 29.59', chord bearing of
S69°01'01"W

Radius=975.00'

Arc Len=29.59'

Thence S68°08'52"W 1975.67' to a point;

Thence following a curve to a point with a long chord of 212.22', chord bearing of
S64°05'28"W

Radius=1500.00'

Arc Len=212.40'

Thence S60°02'05"W 347.51' to a point;

Thence following a curve to a point with a long chord of 330.01', chord bearing of
S71°05'47"W

Radius=860.00'

Arc Len=332.07'

Thence following a curve to a point with a long chord of 70.78', chord bearing of
S41°40'35"W

Radius=54.51'

Arc Len=77.03'

Thence S01°11'41"W 393.57' to a point;

Thence following a curve to a point with a long chord of 199.91', chord bearing of
S21°12'44"W

Radius=292.00'

Arc Len=204.03'

Thence S41°13'46"W 132.07' to a point;

Thence following a curve to a point with a long chord of 335.61', chord bearing of
S48°23'48"W

Radius=1345.00'

Arc Len=336.49'

Thence S55°33'49"W 216.10' to a point;

Thence following a curve to a point with a long chord of 6.98', chord bearing of S55°56'41"W

Radius=525.00'

Arc Len=6.98'

Thence S56°19'33"W 170.60' to a point;

Thence following a curve to a point with a long chord of 63.71', chord bearing of S16°44'47"W

Radius=50.00'

Arc Len=69.08'

Thence S22°50'00"E 1171.59' to a point;

Thence following a curve to a point with a long chord of 279.26', chord bearing of S00°19'41"W

Radius=355.00'

Arc Len=287.01'

Thence following a curve to a point with a long chord of 214.73', chord bearing of S27°48'38"W

Radius=1425.00'

Arc Len=214.93'

Thence S32°07'54"W 406.25' to a point;

Thence following a curve to a point with a long chord of 11.32', chord bearing of S31°26'57"W

Radius=475.00'

Arc Len=11.32'

Thence S30°45'59"W 432.29' to a point;

Thence following a curve to a point with a long chord of 17.40', chord bearing of S31°42'58"W

Radius=525.00'

Arc Len=17.41'

Thence S32°39'58"W 130.66' to a concrete monument and the True Point of Beginning;.

Said parcel containing 1,327,080 square feet or 30.466 acres, which equates to 123,290.3 square meters or 31.368 cuerdas.

For recordation at the Registry of Property, the legal description for the easement hereinabove described is as follows:

A strip of land having a length of eight thousand one hundred eighteen point zero (8,118.0) meters and a width of fifteen point twenty four (15.24) meters running from West to East, bounded on the North with land of the United States of America to be conveyed to the Municipality of Vieques and the Puerto Rico Ports Authority's Vieques Airport, on the South with land of the United States of America to be conveyed to the Municipality of Vieques, on the East with the Puerto Rico Conservation Trust Fund's Parcel A and the Puerto Rico Land

Administration, and on the West with land of the United States of America, and land of the United States of America to be conveyed to the Municipality of Vieques.

2. The ROTH Communication Easement, constituted over the MOV parcel in favor of the Government, is described as follows:

Beginning at a concrete monument in the Mosquito Wards, having a northing of 761,902.5602 and an easting of 972,938.9875 noted as the Point of Beginning on the plat RELOCATABLE OVER THE HORIZION RADAR (ROTHR) COMMUNICATION EASEMENT. Thence N02°16'47"W 108.10' to a concrete monument, the True Point of Beginning, having a northing of 762,010.5765 and an easting of 972,943.2875:

Thence N02°16'47"E 48.24' to a point;

Thence S86°32'32"E 53.62' to a point;

Thence N01°44'43"W 554.86' to a point;

Thence N05°33'49"W 658.21' to a point;

Thence following a curve to a point with a long chord of 164.42', chord bearing of N46°59'27"W

Radius=124.24'

Arc Len=179.67'

Thence following a curve to a point with a long chord of 387.02', chord bearing of N81°06'40"W

Radius=1521.52'

Arc Len=388.07'

Thence following a curve to a point with a long chord of 104.00', chord bearing of S47°43'03"W

Radius=61.00'

Arc Len=124.52'

Thence S10°45'37"E 148.30' to a point;

Thence S08°09'51"E 238.39' to a point;

Thence following a curve to a point with a long chord of 293.44', chord bearing of S26°57'41"W

Radius=255.00'

Arc Len=312.66'

Thence following a curve to a point with a long chord of 285.20', chord bearing of S48°49'44"W

Radius=621.77'

Arc Len=287.76'

Thence S35°34'14"W 153.21' to a point;

Thence S24°59'15"W 172.10' to a point;

Thence following a curve to a point with a long chord of 167.76', chord bearing of S10°01'51"W

Radius=325.00'

Arc Len=169.68'

Thence S04°55'32"E 121.12' to a point;

Thence S09°05'26"E 185.18' to a point;
Thence S73°09'07"W 202.52' to a point;
Thence S70°51'22"W 200.78' to a point;
Thence N19°08'38"W 50.00' to a point;
Thence N70°51'22"E 201.78' to a point;
Thence N73°09'07"E 159.87' to a point;
Thence N09°05'26"W 143.34' to a point;
Thence N04°55'32"W 122.94' to a point;

Thence following a curve to a point with a long chord of 193.56', chord bearing of N10°01'51"E

Radius=375.00'

Arc Len=195.78'

Thence N24°59'15"E 176.74' to a point;

Thence N35°34'14"E 157.84' to a point;

Thence following a curve to a point with a long chord of 308.13', chord bearing of N48°49'44"E

Radius=671.77'

Arc Len=310.90'

Thence following a curve to a point with a long chord of 235.90', chord bearing of N26°57'41"E

Radius=205.00'

Arc Len=251.35'

Thence N08°09'51"W 237.26' to a point;

Thence N10°45'37"W 147.16' to a point;

Thence following a curve to a point with a long chord of 189.24', chord bearing of N47°43'03"E

Radius=111.00'

Arc Len=226.58'

Thence following a curve to a point with a long chord of 374.30', chord bearing of S81°06'40"E

Radius=1471.52'

Arc Len=375.32'

Thence following a curve to a point with a long chord of 230.58', chord bearing of S46°59'27"E

Radius=174.24'

Arc Len=251.97'

Thence S05°33'49"E 659.88' to a point;

Thence S01°44'43"E 609.50' to a point;

Thence N86°32'32"W 107.23' to a concrete monument and the Point of Beginning.

For recordation purposes, this easement can be described as strip of land having a length of one thousand two hundred seventy six point eight (1,276.8) meters and a width of fifteen point twenty four (15.24) meters running from East to West bounded on the North, East, and West by the Municipality of Vieques, and on the South by the lands of the United States.

This easement is for ownership, construction, maintenance, operation, repair, or replacement of any of the existing infrastructure, or future infrastructure that may be required, at all times and places for the purpose of exercising the rights set forth herein; reserving, however, to the Grantee, any and all rights and privileges as may be used and enjoyed without interfering with or abridging the Government's rights herein retained.

3. The ROTH Electric Easement, constituted over the MOV parcel in favor of the Government, is described as follows:

Beginning at a concrete monument on the northwestern corner of the RELOCATABLE OVER THE HORIZON RADAR (ROTHR) SITE in the Llave Wards, having a northing of 753,324.0192 and an easting of 975,403.6265 noted as the Point of Beginning on the plat RELOCATABLE OVER THE HORIZON RADAR (ROTHR) ELECTRIC EASEMENT. Thence S25°14'20"W 143.32' to a point, the True Point of Beginning, having a northing of 753,194.3838 and an easting of 975,342.5171:

Thence S25°14'20"W 50.41' to a point;
Thence N72°05'23"W 2175.80' to a point;
Thence N01°46'21"E 1821.20' to a point;
Thence N00°25'31"W 179.97' to a point;
Thence N11°21'39"W 179.55' to a point;
Thence N10°39'00"W 216.30' to a point;
Thence N32°33'45"E 219.15' to a point;
Thence N38°23'23"E 184.17' to a point;
Thence N12°07'09"W 184.29' to a point;
Thence N44°17'54"W 184.12' to a point;
Thence N31°38'54"W 210.86' to a point;
Thence N13°53'40"W 169.23' to a point;
Thence N02°45'35"W 385.92' to a point;
Thence N04°22'55"W 356.21' to a point;
Thence S85°37'05"W 8.31' to a point;
Thence N04°22'55"W 12.96' to a point;
Thence N85°37'05"E 8.31' to a point;
Thence N06°27'30"E 188.96' to a point;
Thence N16°59'49"E 184.69' to a point;
Thence N23°47'09"E 183.55' to a point;
Thence N31°25'34"E 176.18' to a point;
Thence N11°41'46"E 173.66' to a point;
Thence N11°47'17"W 190.65' to a point;
Thence N02°48'05"E 222.75' to a point;
Thence N25°14'50"E 213.82' to a point;
Thence N00°47'57"W 158.43' to a point;
Thence N20°58'54"W 216.93' to a point;
Thence N02°11'09"W 201.71' to a point;
Thence N11°23'38"W 191.11' to a point;
Thence N17°52'11"W 434.95' to a point;

Thence N18°19'39"W 712.42' to a point;
Thence N00°18'28"W 216.33' to a point;
Thence N04°11'35"E 444.23' to a point;
Thence S86°41'22"E 18.87' to a point;
Thence N05°27'20"E 18.73' to a point;

Thence following a curve to a point with a long chord of 89.19', chord bearing of N03°27'03"E

Radius=1275.00'

Arc Len=89.21'

Thence S86°32'32"E 31.88' to a point;
Thence S04°11'35"W 550.87' to a point;
Thence S00°18'28"E 206.44' to a point;
Thence S18°19'39"E 704.69' to a point;
Thence S17°52'11"E 437.98' to a point;
Thence S11°23'38"E 197.97' to a point;
Thence S02°11'09"E 197.47' to a point;
Thence S20°58'54"E 205.97' to a point;
Thence N69°01'06"E 25.43' to a point;
Thence S20°58'54"E 11.58' to a point;
Thence S69°01'06"W 25.43' to a point;
Thence S00°47'57"E 175.75' to a point;
Thence S73°18'31"E 22.98' to a point;
Thence S16°41'29"W 10.00' to a point;
Thence N73°18'31"W 23.09' to a point;
Thence S25°14'50"W 208.39' to a point;
Thence S02°48'05"W 206.43' to a point;
Thence S11°47'17"E 189.31' to a point;
Thence N89°26'26"E 28.89' to a point;
Thence S00°33'34"E 10.00' to a point;
Thence S89°26'26"W 28.88' to a point;
Thence S11°41'46"W 187.86' to a point;
Thence S47°58'06"E 31.40' to a point;
Thence S42°01'54"W 13.87' to a point;
Thence N47°58'06"W 28.81' to a point;
Thence S31°25'34"W 167.42' to a point;
Thence S23°47'09"W 177.25' to a point;
Thence S16°59'49"W 177.11' to a point;
Thence S06°27'30"W 179.60' to a point;
Thence S04°22'55"E 365.13' to a point;
Thence S02°45'35"E 381.75' to a point;
Thence S13°53'40"E 156.55' to a point;
Thence S31°38'54"E 197.51' to a point;
Thence S44°17'54"E 137.30' to a point;
Thence N11°46'05"W 37.07' to a point;
Thence N78°13'55"E 10.00' to a point;
Thence S11°46'05"E 52.75' to a point;

Thence S44°17'54"E 122.10' to a point;
 Thence S12°07'09"E 113.06' to a point;
 Thence S38°23'23"W 84.39' to a point;
 Thence S12°23'38"E 39.45' to a point;
 Thence S77°36'22"W 10.00' to a point;
 Thence N12°23'38"W 31.29' to a point;
 Thence S38°23'23"W 166.56' to a point;
 Thence S32°33'45"W 196.81' to a point;
 Thence S10°39'00"E 196.19' to a point;
 Thence S11°21'39"E 174.57' to a point;
 Thence N73°57'24"E 29.85' to a point;
 Thence S16°02'36"E 10.00' to a point;
 Thence S73°57'24"W 30.78' to a point;
 Thence S00°25'31"E 185.12' to a point;
 Thence S01°46'21"W 1784.58' to a point;
 Thence S72°05'23"E 2144.65' to a point, the True Point of Beginning.

For recordation purposes, the legal description for the easement hereinabove described is as follows:

Strip of land having a length of 2,597.5 meters and a width of 15.24 meters running from North to South, containing 541,155 square feet or 12.423 acres, which equates to 50,275.1 square meters or 12.7910 cuerdas bounded on the North with the United States Government, South with the Property to be conveyed to the Municipality of Vieques, East with the Property to be conveyed to the Municipality of Vieques, and on the West with the Property to be conveyed to the Municipality of Vieques.

4. The ROTHRE Restrictive Use Easement and Covenant, constituted over the MOV parcel in favor of the Government, is described as follows:

Parcel A: Beginning at a concrete monument on the western side of the ROTHRE PARCEL in the Llave Wards, on the plat labeled RELOCATABLE OVER THE HORIZON RADAR (ROTHRE) RESTRICTIVE USE EASEMENT having a northing of 752,328.4154 and an easting of 974,422.2051:

Thence N15°53'46"E 3001.19' to a concrete monument; thence S85°32'55"E 113.24' to a concrete monument; thence N89°30'34"E 434.46' to a concrete monument; thence S83°55'36"E 213.66' to a concrete monument; thence N70°55'39"E 255.84' to a concrete monument; thence S73°38'47"E 126.22' to a concrete monument; thence N81°47'41"E 236.98' to a concrete monument; thence S85°32'59"E 133.88' to a concrete monument; thence following a curve to a concrete monument with a long chord of 627.24', chord bearing of S69°59'09"E, Radius=409.02', Arc Len=714.79'; thence S81°22'46"E 634.81' to a concrete monument; thence S01°58'35"W 3415.08' to a concrete monument; thence S73°08'47"W 669.25' to a concrete monument; thence N15°39'55"E 349.82' to a concrete monument; thence N24°58'13"W 466.47' to a concrete monument; thence N23°40'01"E 202.93' to a concrete monument; thence N89°18'06"E 103.57' to a concrete monument; thence S85°50'08"E

158.23' to a concrete monument; thence N04°11'12"E 144.71' to a concrete monument; thence N79°08'11"W 162.48' to a concrete monument; thence N70°43'43"W 233.42' to a concrete monument; thence N25°13'36"W 698.85' to a concrete monument; thence N59°58'30"W 151.46' to a concrete monument; thence N73°51'34"W 1007.58' to a concrete monument; thence S59°18'31"W 159.55' to a concrete monument; thence S48°40'26"W 169.13' to a concrete monument; thence S25°14'20"W 291.46' to a concrete monument; thence S49°30'15"W 1127.15' to a concrete monument, the True Point of Beginning.

For recordation purposes, this easement is described as a parcel of land in Llave Ward, Municipality of Vieques, Puerto Rico, containing 7,180,958 square feet or 164.852 acres, which equates to 667,132.8 square meters or 169.738 cuerdas, bounded on the North by the Municipality of Vieques, on the East by the Municipality of Vieques, on the South by the lands of the United States, on the West by the Municipality of Vieques.

Parcel B: Beginning at a point on the western side of the ROTH PARCEL in the Llave Wards, having a northing of 752,206.0490 and an easting of 974,460.3733:

Thence S41°43'34"E 13.50' to a concrete monument set; thence S22°38'47"E 75.16' to a concrete monument set; thence S02°41'06"W 129.32' to a concrete monument set; thence S59°14'22"E 675.70' to a concrete monument set; thence S84°16'44"W 1442.43' to the intersection with the ROTH restrictive use easement; thence N49°41'22"W 1078.94' to the Point of Beginning.

For recordation purposes, this easement is described as a parcel of land in Llave Ward, Municipality of Vieques, Puerto Rico, containing 389,545 square feet or 8.943 acres, which equates to 36,189.9 square meters or 9.208 cuerdas, bounded on the North by the Municipality of Vieques, on the East by the lands of the United States, on the South by the lands of the United States, on the West by the Municipality of Vieques.

Which Restrictive Use Easement and covenant shall run with the land and which restricts the use thereof as follows so that the property shall not be used for any of the following uses or structures:

a. Any type of structure, dwelling, building, antenna, tower, pole, line, wire, or other obstruction, permanent or temporary, shall not be permitted.

b. No new construction of highways, arterial roads, expressways, and railroads excluding secondary roads, tertiary roads, or private driveways. All proposed new roads and trails must be planned and developed in consultation with the Government as represented by the Commanding Officer, United States Naval Station, Roosevelt Roads, or his designee to insure electromagnetic interference compatibility. No road or trail that is incompatible with electromagnetic interference requirements may be constructed.

c. No new buildings or structures are permitted.

d. No new overhead power lines of any kind are permitted with the exception of those currently allowed under existing recorded documents prior to the date of this instrument.

e. All new utility lines, including conductors, will be buried, with the exception of those currently allowed under existing recorded documents prior to the date of this instrument.

f. No new airports, heliports, helistops, or grass landing strips including, but not limited to, landing fields used for agricultural purposes.

g. No storage and/or processing of salvage or junk metal scrap yards or collection depots of metal-based material to be recycled.

h. No radio transmitters, radio frequency stabilized welders, or other radio frequency heaters other than residential microwave ovens, relay facilities, new line-of-sight relay devices, for example, microwave towers, electric fences, and lighting systems other than incandescent, fluorescent, and low pressure sodium vapor.

Subject to the restrictions as contained in this covenant excepting existing buildings, structures, and uses already in place, that sub-parcel which is the object of this easement shall not be used for other than agricultural and forestry purposes.

The Government also retains a clearance easement over the aforesaid Parcels A and B which restricts and prohibits the Grantee and its successors and assigns from; erecting, constructing, growing, installing, creating, or permitting, whether public or private, any structure, dwelling, building, antenna, tower, pole, line, wire, tree, or other obstruction, whatever its nature together with the right of the Government to enter upon the property and remove all obstructions not in conformance with this easement or covenant, including but not limited to, alteration or removal of all structures, buildings, antennas, towers, or other non-vegetative obstructions, whatever their nature, that shall be erected, constructed, or installed on the property from and after the date of this Instrument, which easement shall be constituted in favor of the Remnant for as long as the need exists pursuant to Public Law 106-398. The Grantee, its successors and assigns shall hold the Government harmless for any consequential damages incurred by Government's exercise of the rights described herein.

The Government also retains an easement for ingress and egress at all times and places over the aforesaid Parcels A and B for the purpose of exercising the rights set forth herein; reserving, however to the Grantee, any and all rights and privileges as may be used and enjoyed without interfering with or abridging the Government's rights herein retained, which easement shall be constituted in favor of the Government as long as the need exists pursuant to Public Law 106-398.

5. An access easement in support of the operation of the Relocatable Over The Horizon Radar, constituted over the MOV parcel in favor of the Government, will exist from Relocatable Over the Horizon Radar's eastern boundary through the La Hueca Parcel to public road, Route 201, more fully described as follows:

Beginning at a concrete monument in the Llave Wards, having a northing of 752,421.3946 and an easting of 977,444.6047 noted as the Point of Beginning on the plat 50'INGRESS/EGRESS EASEMENT D-3. Thence S04°11'12"W 68.78' to a point, the True Point of Beginning, having a northing of 752,352.8016 and an easting of 977,439.5834:

Thence following a curve to a point with a long chord of 361.18', chord bearing of N87°30'31"E

Radius=6725.00'

Arc Len=361.23'

Thence N85°58'11"E 1257.75' to a point;

Thence following a curve to a point with a long chord of 420.19', chord bearing of N81°06'01"E

Radius=2475.00'

Arc Len=420.70'

Thence following a curve to a point with a long chord of 200.33', chord bearing of N77°22'22"E

Radius=5025.00'

Arc Len=200.34'

Thence N78°30'54"E 690.50' to a point;

Thence following a curve to a point with a long chord of 187.07', chord bearing of N71°06'09"E

Radius=725.00'

Arc Len=187.59'

Thence S00°44'32"E 55.02" to a point;

Thence following a curve to a point with a long chord of 176.39', chord bearing of S71°58'49"W

Radius=775.00'

Arc Len=176.78'

Thence S78°30'54"W 690.50' to a point;

Thence following a curve to a point with a long chord of 198.34', chord bearing of S77°22'22"W

Radius=4975.00'

Arc Len=198.35'

Thence following a curve to a point with a long chord of 428.68', chord bearing of S81°06'01"W

Radius=2525.00'

Arc Len=429.20'

Thence S85°58'11"W 1257.75' to a point;

Thence following a curve to a point with a long chord of 368.36', chord bearing of S87°31'39"W

Radius=6775.00'

Arc Len=368.41'

Thence N04°11'12"E 50.20' to a point, the True Point of Beginning.

For recordation purposes, said easement can be described as follows: a strip of land having a length of nine hundred forty eight point one (948.1) meters and a width of fifteen

point twenty four (15.24) meters running from West to East , bounded on the North by the Municipality of Vieques, on the East by Public Road 201, on the South by the Municipality of Vieques, and on the West by the lands of the United States.

The Government reserves for itself an easement for ingress and egress at all times and places for the purpose of exercising the rights set forth herein; reserving, however, to the Grantee any and all rights and privileges as may be used and enjoyed without interfering with or abridging the Government's rights herein retained, which easement shall be constituted in favor of the Government for as long as the need exists pursuant to Public Law 106-398.

6. The Government reserves an easement for ingress and egress over the property from Relocatable Over the Horizon Radar's western boundary, which easement shall be constituted over the MOV parcel in favor of the Government for as long as the need exists pursuant to Public Law 106-398, north on Coconut Road to the intersection of North Coast Road, more fully described herein.

--Beginning at a concrete monument in the Llave ward, having a northing of 752,312.1268 and an easting of 974,332.1004 noted as the Point of Beginning on the plat labeled 50' INGRESS /EGRESS EASEMENT D-4. -----

--Thence S00°01'33"W 61.44' to a concrete monument, the True Point of Beginning, having a northing of 752,250.6872 and an easting of 974,332.0727; thence S85°07'22"W 116.55' to a point; thence N89°48'19"W 200.00' to a point; thence following a curve to a point with a long chord of 162.00', chord bearing of S81°03'22"W, Radius=510.00', Arc Len=162.69'; thence S71°55'02"W 228.47' to a point; thence following a curve to a point with a long chord of 193.39', chord bearing of S80°03'21"W, Radius=683.00', Arc Len=194.04'; thence S88°11'41"W 138.01' to a point; thence following a curve to a point with a long chord of 157.43', chord bearing of N43°14'32"W, Radius=105.00', Arc Len=177.99'; thence N05°19'15"E 173.88' to a point; thence following a curve to a point with a long chord of 344.92', chord bearing of N03°02'19"E, Radius=4331.00', Arc Len=345.01'; thence N00°45'24"E 194.87' to a point; thence following a curve to a point with a long chord of 15.18', chord bearing of N01°35'07"E, Radius=525.00', Arc Len=15.18'; thence N02°24'49"E 211.56' to a point; thence following a curve to a point with a long chord of 9.72', chord bearing of N01°49'39"E, Radius=475.00', Arc Len=9.72'; thence N01°14'29"E 652.51' to a point; thence following a curve to a point with a long chord of 17.15', chord bearing of N02°10'38"E, Radius=525.00', Arc Len=17.15'; thence N03°06'47"E 131.20' to a point; thence following a curve to a point with a long chord of 11.98', chord bearing of N02°23'25"E, Radius=475.00', Arc Len=11.98'; thence N01°40'03"E 1800.55' to a point; thence following a curve to a point with a long chord of 168.66', chord bearing of N08°33'31"W, Radius=475.00', Arc Len=169.56'; thence N18°47'06"W 111.18' to a point; thence following a curve to a point with a long chord of 179.71', chord bearing of N00°17'11"E, Radius=275.00', Arc Len=183.07'; thence following a curve to a point with a long chord of 138.47', chord bearing of N29°39'20"E, Radius=387.31', Arc Len=139.22'; thence N39°57'12"E 229.20' to a point; thence following a curve to a point with a long chord of 73.68', chord bearing of N17°08'10"E, Radius=95.00', Arc Len=75.66'; thence following a curve to a point with a long chord of 127.98', chord bearing of N25°00'13"W, Radius=193.39', Arc Len=130.44'; thence

N44°19'35"W 128.57' to a point; thence following a curve to a point with a long chord of 257.12', chord bearing of N35°21'32"W, Radius=824.78', Arc Len=258.18'; thence following a curve to a point with a long chord of 188.65', chord bearing of N14°41'16"W, Radius=465.00', Arc Len=189.97'; thence N02°59'04"W 359.68' to a point; thence following a curve to a point with a long chord of 15.09', chord bearing of N03°53'41"W, Radius=475.00', Arc Len=15.09'; thence N04°48'18"W 286.71' to a point; thence following a curve to a point with a long chord of 399.68', chord bearing of N07°40'18"E, Radius=925.00', Arc Len=402.86'; thence N20°08'54"E 88.07' to a point; thence following a curve to a point with a long chord of 182.26', chord bearing of N26°07'36"E, Radius=875.00', Arc Len=182.59'; thence N32°06'18"E 100.02' to a point; thence following a curve to a point with a long chord of 302.88', chord bearing of N08°17'10"E, Radius=375.00', Arc Len=311.79'; thence N15°31'57"W 90.86' to a point; thence following a curve to a point with a long chord of 277.11', chord bearing of N05°33'39"E, Radius=385.00', Arc Len=283.47'; thence N26°39'15"E 128.24' to a point; thence following a curve to a point with a long chord of 241.12', chord bearing of N01°33'41"W, Radius=255.00', Arc Len=251.15'; thence following a curve to a point with a long chord of 289.35', chord bearing of N13°46'51"W, Radius=525.00', Arc Len=293.15'; thence N02°12'56"E 47.02' to a point; thence following a curve to a point with a long chord of 151.76', chord bearing of N06°58'36"W, Radius=475.00', Arc Len=152.41'; thence N16°10'07"W 201.80' to a point; thence following a curve to a point with a long chord of 43.57', chord bearing of N17°26'57"W, Radius=975.00', Arc Len=43.58'; thence N18°43'46"W 893.56' to a point; thence following a curve to a point with a long chord of 174.89', chord bearing of N08°07'16"W, Radius=475.00', Arc Len=175.90'; thence N02°29'15"E 241.71' to a point; thence following a curve to a point with a long chord of 53.09', chord bearing of N03°58'17"E, Radius=1025.00', Arc Len=53.09'; thence N05°27'20"E 283.48' to a point; thence following a curve to a point with a long chord of 148.61', chord bearing of N02°06'52"E, Radius=1275.00', Arc Len=148.70'; thence N01°13'36"W 158.81' to a point; thence following a curve to a point with a long chord of 4.39', chord bearing of N01°29'30"W, Radius=475.00', Arc Len=4.39'; thence N01°45'24"W 289.11' to a point; thence following a curve to a point with a long chord of 354.49', chord bearing of N03°42'25"W, Radius=5208.00', Arc Len=354.56'; thence N05°39'27"W 268.76' to a point; thence following a curve to a point with a long chord of 49.60', chord bearing of N04°16'15"W, Radius=1025.00', Arc Len=49.61'; thence N02°53'03"W 255.44' to a point; thence N87°06'57"E 50.00' to a point; thence S02°53'03"E 255.44' to a point; thence following a curve to a point with a long chord of 47.18', chord bearing of S04°16'15"E, Radius=975.00', Arc Len=47.19'; thence S05°39'27"E 268.76' to a point; thence following a curve to a point with a long chord of 357.90', chord bearing of S03°42'25"E, Radius=5258.00', Arc Len=357.96'; thence S01°45'24"E 289.11' to a point; thence following a curve to a point with a long chord of 4.86', chord bearing of S01°29'30"E, Radius=525.00', Arc Len=4.86'; thence S01°13'36"E 158.81' to a point; thence following a curve to a point with a long chord of 154.44', chord bearing of S02°06'52"W, Radius=1325.00', Arc Len=154.53'; thence S05°27'20"W 283.48' to a point; thence following a curve to a point with a long chord of 50.50', chord bearing of S03°58'17"W, Radius=975.00', Arc Len=50.50'; thence S02°29'15"W 241.71' to a point; thence following a curve to a point with a long chord of 156.48', chord bearing of S08°07'16"E, Radius=425.00', Arc Len=157.38'; thence S18°43'46"E 893.56' to a point; thence following a curve to a point with a long chord of 45.81', chord bearing of S17°26'57"E, Radius=1025.00', Arc Len=45.81'; thence S16°10'07"E

201.80' to a point; thence following a curve to a point with a long chord of 167.73', chord bearing of S06°58'36"E, Radius=525.00', Arc Len=168.45'; thence S02°12'56"W 47.02' to a point; thence following a curve to a point with a long chord of 261.80', chord bearing of S13°46'51"E, Radius=475.00', Arc Len=265.23'; thence following a curve to a point with a long chord of 288.40', chord bearing of S01°33'41"E, Radius=305.00', Arc Len=300.40'; thence S26°39'15"W 128.24' to a point; thence following a curve to a point with a long chord of 241.13', chord bearing of S05°33'39"W, Radius=335.00', Arc Len=246.66'; thence S15°31'57"E 90.86' to a point; thence following a curve to a point with a long chord of 343.27', chord bearing of S08°17'10"W, Radius=425.00', Arc Len=353.36'; thence S32°06'18"W 100.02' to a point; thence following a curve to a point with a long chord of 171.85', chord bearing of S26°07'36"W, Radius=825.00', Arc Len=172.16'; thence S20°08'54"W 88.07' to a point; thence following a curve to a point with a long chord of 378.07', chord bearing of S07°40'18"W, Radius=875.00', Arc Len=381.08'; thence S04°48'18"E 286.71' to a point; thence following a curve to a point with a long chord of 16.68', chord bearing of S03°53'41"E, Radius=525.00', Arc Len=16.68'; thence S02°59'04"E 359.68' to a point; thence following a curve to a point with a long chord of 168.36', chord bearing of S14°41'16"E, Radius=415.00', Arc Len=169.54'; thence following a curve to a point with a long chord of 241.54', chord bearing of S35°21'32"E, Radius=774.78', Arc Len=242.53'; thence S44°19'35"E 128.57' to a point; thence following a curve to a point with a long chord of 161.07', chord bearing of S25°00'13"E, Radius=243.39', Arc Len=164.16'; thence following a curve to a point with a long chord of 112.46', chord bearing of S17°08'10"W, Radius=145.00', Arc Len=115.49'; thence S39°57'12"W 229.20' to a point; thence following a curve to a point with a long chord of 120.60', chord bearing of S29°39'20"W, Radius=337.31', Arc Len=121.25'; thence following a curve to a point with a long chord of 147.04', chord bearing of S00°17'11"W, Radius=225.00', Arc Len=149.79'; thence S18°47'06"E 111.18' to a point; thence following a curve to a point with a long chord of 186.41', chord bearing of S08°33'31"E, Radius=525.00', Arc Len=187.41'; thence S01°40'03"W 1800.55' to a point; thence following a curve to a point with a long chord of 13.24', chord bearing of S02°23'25"W, Radius=525.00', Arc Len=13.24'; thence S03°06'47"W 131.20' to a point; thence following a curve to a point with a long chord of 15.52', chord bearing of S02°10'38"W, Radius=475.00', Arc Len=15.52'; thence S01°14'29"W 652.51' to a point; thence following a curve to a point with a long chord of 10.74', chord bearing of S01°49'39"W, Radius=525.00', Arc Len=10.74'; thence S02°24'49"W 211.56' to a point; thence following a curve to a point with a long chord of 13.74', chord bearing of S01°35'07"W, Radius=475.00', Arc Len=13.74'; thence S00°45'24"W 194.87' to a point; thence following a curve to a point with a long chord of 348.90', chord bearing of S03°02'19"W, Radius=4381.00', Arc Len=348.99'; thence S05°19'15"W 173.88' to a point; thence following a curve to a point with a long chord of 82.47', chord bearing of S43°14'32"E, Radius=55.00', Arc Len=93.23'; thence N88°14'41"E 138.01' to a point; thence following a curve to a point with a long chord of 179.23', chord bearing of N80°03'21"E, Radius=633.00', Arc Len=179.83'; thence N71°55'02"E 228.47' to a point; thence following a curve to a point with a long chord of 177.88', chord bearing of N81°03'22"E, Radius=560.00', Arc Len=178.64'; thence S89°48'19"E 315.97' to a concrete monument; thence S00°01'33"W 39.70' to a concrete monument and the True Point of Beginning.-----

-- Said parcel containing 638,081 square feet or 14.648 acres, which equates to 63460.5 square meters or 16.146 cuerdas. -----

For recordation purposes, the legal description for the easement hereinabove described is as follows:

Strip of land having a length of 3,893.4 meters and a width of 15.24 meters running from North to South, bounded on the North with the Property to be conveyed to the Municipality of Vieques, South with the Property to be conveyed to the Municipality of Vieques, East with the United States Government, and on the West with the Property to be conveyed to the Municipality of Vieques.

This easement is at all times and places for the purpose of exercising the rights set forth herein; reserving, however, to the Grantee, any and all rights and privileges as may be used and enjoyed without interfering with or abridging the Government's rights herein retained.

7. The Mount Pirata Electric Easement, constituted over the MOV parcel in favor of the Government which easement shall be constituted in favor of the Government for as long as the need exists pursuant to Public Law 106-398, that encumbers the MOV parcel is described as follows:

Beginning on the plat labeled MOUNT PIRATA 50' ELECTRIC EASEMENT at a point having a northing of 758,263.034 and an easting of 963,879.672:

Thence N89°23'48"W 220.50' to a point; thence N78°25'10"E 196.51' to a point; thence N62°12'24"E 119.01' to a point; thence N06°21'07"E 54.92' to a point; thence S83°41'39"E 82.19' to a point; thence S06°25'40"W 82.50' to a point; thence N83°26'59"W 33.38' to a point; thence S62°12'24"W 138.66' to a point, the Point of Beginning.

For recordation purposes, this easement is described as a strip of land having a length of seventy two point six (72.6) meters and a width of fifteen point twenty four (15.24) meters running from West to East bounded on the North by the Municipality of Vieques, on the East by the Municipality of Vieques, on the South by the lands of the Puerto Rico Conservation Trust Fund, on the West by the Municipality of Vieques.

This easement is for ownership, construction, maintenance, operation, repair, or replacement of any of the existing infrastructure, or future infrastructure that may be required, at all times and places for the purpose of exercising the rights set forth herein; reserving, however, to the Grantee, any and all rights and privileges as may be used and enjoyed without interfering with or abridging the Government's rights herein retained.

8. Pursuant to Section 1506(b)(3) and (4) of Public Law 106-398 and in furtherance of the public purposes set forth therein, the Government retains an easement for ingress and egress

over the property from the entrance to the Mosquito Pier to the intersection of the North Coast Road, more fully described as follows:

Beginning at a survey control point in the Mosquito Wards, said point being a cross cut in the center of the helicopter landing pad adjacent to Coconut Road. Said point also known as "HELO" and having a northing of 763,057.4181 and an easting of 973,140.6533 noted as the Point of Beginning on the plat labeled 50' INGRESS/EGRESS EASEMENT D-7. Thence N60°47'32"E 3133.61' to a point, the True Point of Beginning, having a northing of 764,586.5431 and an easting of 975,875.8428:

Thence following a curve to a point with a long chord of 85.58', chord bearing of N40°34'20"E

Radius=100.00'

Arc Len=88.43'

Thence N15°14'16"E 75.38' to a point;

Thence following a curve to a point with a long chord of 11.77', chord bearing of N17°09'57"E

Radius=175.00'

Arc Len=11.78'

Thence N19°05'37"E 459.98' to a point;

Thence following a curve to a point with a long chord of 230.57', chord bearing of N05°45'47"E

Radius=500.00'

Arc Len=232.66'

Thence N07°34'03"W 390.17' to a point;

Thence N77°24'35"E 50.19' to a point;

Thence S07°34'03"E 394.57' to a point;

Thence following a curve to a point with a long chord of 253.63', chord bearing of S05°45'47"W

Radius=550.00'

Arc Len=255.93'

Thence S19°05'37"W 459.98' to a point;

Thence following a curve to a point with a long chord of 8.41', chord bearing of S17°09'57"W

Radius=125.00'

Arc Len=8.41'

Thence S15°14'16"W 75.38' to a point;

Thence following a curve to a point with a long chord of 128.37', chord bearing of S40°34'20"W

Radius=150.00'

Arc Len=132.65'

Thence N24°05'37"W 50.00' to a point, the True Point of Beginning.

For recordation purposes, the legal description for the easement hereinabove described is as follows:

Strip of land having a length of 394.0 meters and a width of 15.24 meters running from North to South, containing 64,632 square feet or 1.484 acres, which equates to 6,004.6 square meters or 1.523 cuerdas bounded on the North with the Atlantic Ocean, South with the Property to be conveyed to the Municipality of Vieques, East with the Property to be conveyed to the Municipality of Vieques, and on the West with the Property to be conveyed to the Municipality of Vieques.

The Government covenants and agrees to coordinate use of the Mosquito Pier with the Commonwealth, Municipality or its designee. Grantee covenants and agrees that it will not hinder, bar, or otherwise impede the access of the Government to the pier for any public purpose.

This easement is at all times and places for the purposes of exercising the rights set forth herein; reserving, however, to the Grantee, any and all rights and privileges as may be used and enjoyed without interfering with or abridging the Government's rights herein retained.

B. Retained Land Interests for Cleanup Actions Pursuant to Sections of 1502(c) and 1506(b) of U.S. Law 106-398, the Navy has identified certain Installation Restoration (IR) parcels and for the purpose of imposing, and does hereby impose, necessary land use restrictions and other requirements, constituted over the MOV parcel, to include groundwater, in favor of the Government as set forth in paragraph IV.B.4. of this Deed, which parcels are further described as follows:

1. Area of Contamination (AOC) I, Asphalt Plant:

Beginning at a survey control point in the Mosquito Wards, said point being a cross cut in the center of the helicopter-landing pad adjacent to Coconut Road. Said point also known as 'HELO' and having a northing of 763,057.4181 and an easting of 973,140.6533 noted as the Point of Beginning on the plat labeled AOC I BOUNDARY & 50' I/E EASEMENT.

Thence N67°29'41"E 3410.21' to an iron rod and cap set, the True Point of Beginning 'A', having a northing of 764,362.7404 and an easting of 976,291.1557; thence N09°04'09"W 289.72' to an iron rod and cap set; thence N82°14'16"E 227.70' to an iron rod and cap set; thence S08°28'07"E 288.14' to an iron rod and cap set; thence S81°50'55"W 224.65' to an iron rod and cap set, the True Point of Beginning 'A'.

For recordation purposes, said parcel is described as a parcel of land containing 65,341 square feet or 1.500 acres, which equates to 6,070.4 square meters or 1.544 cuerdas, bounded on the north by the Municipality of Vieques, on the East by the Municipality of Vieques, on the south by the Municipality of Vieques, and on the west by the Municipality of Vieques.

Upon which parcel the Grantee covenants and agrees for itself and its lessees, licensees, successors, or assignees that use of and access to AOC-I as described herein or parts thereof, shall be limited to nonresidential land use, until either (a) a risk assessment in accordance with CERCLA is completed and either the Puerto Rico Environmental Quality Board (PR EQB) or the Environmental Protection Agency (EPA) concur that no further remedial action is required

allowing for unrestricted use, (b) a Record of Decision (ROD) is signed that sets forth less stringent land use restrictions, or (c) the Navy completes remedial action in accordance with CERCLA, the National Contingency Plan and applicable law that will allow unrestricted use. Prohibited residential uses include, but are not limited to, any child care, preschool, playground, or any form of target residential housing purposes as defined by the Residential Lead Based Paint Hazard Reduction Act (Title X) and the Toxic Substances Control Act. The Government retains the following 50' ingress/egress easement herein described as follows:

Beginning at said True Point of Beginning 'A', having a northing of 764,362.7404 and an easting of 976,291.1557. Thence N09°04'09"W 228.26' to a point, the True Point of Beginning 'B', having a northing of 764,588.1477 and an easting of 976,255.1755; thence following a curve to a point with a long chord of 36.45', chord bearing of N89°07'24"W, Radius=35.00', Arc Len=38.33'; thence following a curve to a point with a long chord of 31.86', chord bearing of S68°39'44"W, Radius=100.00', Arc Len=32.00'; thence following a curve to a point with a long chord of 122.33', chord bearing of S83°26'40"W, Radius=625.00', Arc Len=122.52'; thence S89°03'38"W 125.40' to a point on the southern line of the 50' INGRESS/EGRESS EASEMENT D-5; thence following said 50' INGRESS/EGRESS EASEMENT D-5 along a curve to a point with a long chord of 136.24', chord bearing of N67°31'46"E, Radius=4175.00', Arc Len=136.25'; thence departing said 50' INGRESS/EGRESS EASEMENT D-5 along a curve to a point with a long chord of 111.22', chord bearing of N83°22'41"E, Radius=575.00', Arc Len=111.39'; thence following a curve to a point with a long chord of 15.93', chord bearing of N68°39'44"E, Radius=50.00', Arc Len=16.00'; thence following a curve to a point with a long chord of 54.24', chord bearing of N78°06'06"E, Radius=85.00', Arc Len=55.20'; thence S09°04'09"E 55.51' to a point, the True Point of Beginning 'B'.

For recordation purposes, said easement is described as a strip of land containing 12,550 square feet or 0.288 acres, which equates to 1,165.9 square meters or 0.297 cuerdas, bounded on the North by the Municipality of Vieques, on the East by the Municipality of Vieques, on the South by the Municipality of Vieques, and on the West by the Municipality of Vieques.

2. AOC-H; Abandoned Power Plant:

Beginning at a survey control point in the Mosquito Wards, said point being a cross cut in the center of the helicopter-landing pad adjacent to Coconut Road. Said point also known as 'HELO' and having a northing of 763,057.4181 and an easting of 973,140.6533 noted as the Point of Beginning on the plat AOC H BOUNDARY.

Thence N52°05'08"W 651.45' to an iron rod and cap set on the northern line of the 50' INGRESS/EGRESS EASEMENT D-5, the True Point of Beginning, having a northing of 763,457.7232 and an easting of 972,626.7080; thence following the 50' INGRESS/EGRESS EASEMENT D-5 along a curve to an iron rod and cap set with a long chord of 10.75', chord bearing of N79°07'27"W, Radius=750.00', Arc Len=10.75'; thence N78°42'48"W 302.68' to an iron rod and cap set; thence departing said 50' INGRESS/EGRESS EASEMENT D-5, N10°09'01"W 249.94' to an iron rod and cap set; thence S80°03'54"E 310.65' to an iron rod

allowing for unrestricted use, (b) a Record of Decision (ROD) is signed that sets forth less stringent land use restrictions, or (c) the Navy completes remedial action in accordance with CERCLA, the National Contingency Plan and applicable law that will allow unrestricted use. Prohibited residential uses include, but are not limited to, any child care, preschool, playground, or any form of target residential housing purposes as defined by the Residential Lead Based Paint Hazard Reduction Act (Title X) and the Toxic Substances Control Act. The Government retains the following 50' ingress/egress easement herein described as follows:

Beginning at said True Point of Beginning 'A', having a northing of 764,362.7404 and an easting of 976,291.1557. Thence N09°04'09"W 228.26' to a point, the True Point of Beginning 'B', having a northing of 764,588.1477 and an easting of 976,255.1755; thence following a curve to a point with a long chord of 36.45', chord bearing of N89°07'24"W, Radius=35.00', Arc Len=38.33'; thence following a curve to a point with a long chord of 31.86', chord bearing of S68°39'44"W, Radius=100.00', Arc Len=32.00'; thence following a curve to a point with a long chord of 122.33', chord bearing of S83°26'40"W, Radius=625.00', Arc Len=122.52'; thence S89°03'38"W 125.40' to a point on the southern line of the 50' INGRESS/EGRESS EASEMENT D-5; thence following said 50' INGRESS/EGRESS EASEMENT D-5 along a curve to a point with a long chord of 136.24', chord bearing of N67°31'46"E, Radius=4175.00', Arc Len=136.25'; thence departing said 50' INGRESS/EGRESS EASEMENT D-5 along a curve to a point with a long chord of 111.22', chord bearing of N83°22'41"E, Radius=575.00', Arc Len=111.39'; thence following a curve to a point with a long chord of 15.93', chord bearing of N68°39'44"E, Radius=50.00', Arc Len=16.00'; thence following a curve to a point with a long chord of 54.24', chord bearing of N78°06'06"E, Radius=85.00', Arc Len=55.20'; thence S09°04'09"E 55.51' to a point, the True Point of Beginning 'B'.

For recordation purposes, said easement is described as a strip of land containing 12,550 square feet or 0.288 acres, which equates to 1,165.9 square meters or 0.297 cuerdas, bounded on the North by the Municipality of Vieques, on the East by the Municipality of Vieques, on the South by the Municipality of Vieques, and on the West by the Municipality of Vieques.

2. AOC-H; Abandoned Power Plant:

Beginning at a survey control point in the Mosquito Wards, said point being a cross cut in the center of the helicopter-landing pad adjacent to Coconut Road. Said point also known as 'HELO' and having a northing of 763,057.4181 and an easting of 973,140.6533 noted as the Point of Beginning on the plat AOC H BOUNDARY.

Thence N52°05'08"W 651.45' to an iron rod and cap set on the northern line of the 50' INGRESS/EGRESS EASEMENT D-5, the True Point of Beginning, having a northing of 763,457.7232 and an easting of 972,626.7080; thence following the 50' INGRESS/EGRESS EASEMENT D-5 along a curve to an iron rod and cap set with a long chord of 10.75', chord bearing of N79°07'27"W, Radius=750.00', Arc Len=10.75'; thence N78°42'48"W 302.68' to an iron rod and cap set; thence departing said 50' INGRESS/EGRESS EASEMENT D-5, N10°09'01"W 249.94' to an iron rod and cap set; thence S80°03'54"E 310.65' to an iron rod

and cap set; thence S10°09'11"E 257.73' to an iron rod and cap set, the True Point of Beginning.

For recordation purposes, said parcel is described as a parcel of land containing 74,072 square feet or 1.700 acres, which equates to 6,881.5 square meters or 1.751 cuerdas, bounded on the North by the Municipality of Vieques, on the East by the Municipality of Vieques, on the South by the Municipality of Vieques, and on the West by the Municipality of Vieques.

Upon which parcel the Grantee covenants and agrees for itself and its lessees, licensees, successors, or assigns that use of, and access to AOC-H is strictly prohibited until either (a) a risk assessment in accordance with CERCLA is completed, and either the PR EQB and/or the EPA concur that no further remedial action is required allowing for unrestricted use, or (b) a Record of Decision is signed that sets forth less stringent land use restrictions, or (c) the Navy completes remedial action in accordance with CERCLA, the National Contingency Plan and applicable law that will allow unrestricted use.

3. AOC-L; Former Septic Vault

Beginning at a survey control point in the Mosquito Wards, said point being a cross cut in the center of the helicopter-landing pad adjacent to Coconut Road. Said point also known as 'HELO' and having a northing of 763,057.4181 and an easting of 973,140.6533 noted as the Point of Beginning on the plat labeled AOC L BOUNDARY & 50' I/E EASEMENT.

Thence N76°07'52"W 1670.69' to an iron rod and cap set, the True Point of Beginning 'A', having a northing of 763,457.8847 and an easting of 971,518.6668; thence S85°41'38"W 74.34' to an iron rod and cap set; thence N04°20'37"W 59.17' to an iron rod and cap set; thence N86°10'23"E 73.69' to an iron rod and cap set; thence S04°58'43"E 58.56' to an iron rod and cap set, the True Point of Beginning 'A'.

For recordation purposes, said parcel is described as a parcel of land containing 4,357 square feet or 0.100 acres, which equates to 404.8 square meters or 0.103 cuerdas, bounded on the North by the Municipality of Vieques, on the East by the Municipality of Vieques, on the South by the Municipality of Vieques, and on the West by the Municipality of Vieques.

Upon which parcel Grantee covenants and agrees for itself and its lessees, licensees, successors, or assigns that use of, and access to AOC-L is strictly prohibited until either (a) a risk assessment in accordance with CERCLA is completed, and either the PR EQB and/or EPA concur that no further remedial action is required allowing for unrestricted use, (b) a Record of Decision is signed that sets forth less stringent land use restrictions, or (c) the Navy completes remedial action in accordance with CERCLA, the National Contingency Plan and applicable law that will allow unrestricted use. The Government retains the following 50' Ingress/Egress easement herein described as follows:

Beginning at said True Point of Beginning 'A', having a northing of 763,457.8847 and an easting of 971,518.6668. Thence S85°41'38"W 37.70' to a point, the True Point of Beginning 'B', having a northing of 763,455.0540 and an easting of 971,481.0729; thence S04°18'22"E

51.97' to a point on the northern line of the 50' INGRESS/EGRESS EASEMENT D-5; thence S67°25'14"W 52.66' to a point; thence departing said 50' INGRESS/EGRESS EASEMENT D-5 N04°18'22"W 68.48' to a point; thence N85°41'38"E 50.00' to a point, the True Point of Beginning 'B'.

For recordation purposes, said easement is described as containing 3,011 square feet or 0.069 acres, which equates to 279.7 square meters or 0.071 cuerdas, bounded on the North by the Municipality of Vieques, on the East by the Municipality of Vieques, on the South by the Municipality of Vieques, and on the West by the Municipality of Vieques.

4. AOCs B, C, E, F, K and Solid Waste Management Units (SWMUs) 10, 14, and 15; hereinafter referred to as the Main Operational Area.

Beginning at a survey control point in the Mosquito Wards, said point being a cross cut in the center of the helicopter-landing pad adjacent to Coconut Road. Said point also known as 'HELO' and having a northing of 763,057.4181 and an easting of 973,140.6533 noted at the Point of Beginning on the plat labeled MAIN OPERATIONAL AREA BOUNDARY.

Thence N81°44'48"W 1765.79' to an iron rod and cap set on the southern line of the 50' INGRESS/EGRESS EASEMENT D-5, the True Point of Beginning "A", having a northing of 763,310.8975 and an easting of 971,393.1501; thence S21°14'47"E 742.23' to an iron rod and cap set; thence N68°44'58"E 303.53' to an iron rod and cap set; thence S21°14'56"E 431.77' to an iron rod and cap set; thence S40°43'46"W 387.27' to an iron rod and cap set; thence S09°02'12"E 143.47' to an iron rod and cap set; thence S55°30'44"W 186.54' to an iron rod and cap set; thence N20°59'13"W 327.67' to an iron rod and cap set; thence S68°56'57"W 380.10' to an iron rod and cap set; thence S21°14'19"E 222.14' to an iron rod and cap set; thence S68°10'36"W 512.52' to an iron rod and cap set; thence N17°01'04"W 329.47' to an iron rod and cap set; thence N37°13'08"E 227.35' to an iron rod and cap set; thence N52°54'28"E 367.48' to an iron rod and cap set; thence N05°59'31"W 432.51' to an iron rod and cap set; thence N68°43'17"E 275.12' to an iron rod and cap set; thence N21°15'08"W 467.77' to an iron rod and cap set on the southern line of said 50' INGRESS/EGRESS EASEMENT D-5; thence N67°25'14"E 180.98' to an iron rod and cap set, the True Point of Beginning.

For recordation purposes, said parcel is described as a parcel of land containing 945,258 square feet or 21.700 acres, which equates to 87,817.7 square meters or 22.343 cuerdas, bounded on the North by the Municipality of Vieques, on the East by the Municipality of Vieques, on the South by the Municipality of Vieques, and on the West by the Municipality of Vieques.

Upon which parcel the Grantee covenants and agrees for itself and its lessees, licensees, successors, or assignees that use of and access to the Main Compound or parts thereof, except as further described herein, shall be limited to nonresidential land use, until either (a) a risk assessment in accordance with CERCLA is completed and either the Puerto Rico Environmental Quality Board (PR EQB) or the Environmental Protection Agency (EPA) concur that no further remedial action is required allowing for unrestricted use, (b) a Record of Decision is signed that sets forth less stringent land use restrictions, or (c) the Navy completes

remedial action in accordance with CERCLA, the National Contingency Plan and applicable law that will allow unrestricted use; prohibited residential uses include, but are not limited to, any child care, preschool, playground, or any form of target residential housing purposes as defined by the Residential Lead Based Paint Hazard Reduction Act (Title X) and the Toxic Substances Control Act; Grantee further covenants and agrees for itself and its lessees, licensees, successors, or assigns that there shall be no discharge of waste streams to the Wastewater Treatment Plant (WWTP), except for those facilities with a direct connection, until a risk assessment in accordance with CERCLA is completed and either the PR EQB and/or EPA concur that no further remedial action is required for the WWTP allowing for unrestricted use, a ROD is signed that sets forth less stringent use restrictions, or the Navy completes remedial action in accordance with CERCLA, the National Contingency Plan and applicable law that will allow unrestricted use. Prohibited waste stream discharge sources include but are not limited to any septic tank systems present on the land being conveyed in this Deed, except for the following described area where Access and Use are Prohibited.

Beginning at said True Point of Beginning "A", having a northing of 763,310.8975 and an easting of 971,393.1501. Thence S21°14'47"E 742.23' to a point. Thence, along a tie line, S11°25'14"W 214.22' to a point, the True Point of Beginning "B", having a northing of 762,409.1432 and an easting of 971,619.6990; thence S19°25'48"E 182.42' to a point; thence S69°44'20"W 409.04' to a point; thence N29°18'41"E 285.68' to a point; thence N70°35'02"E 194.23' to a point, the True Point of Beginning "B".

Upon which parcel, Grantee covenants and agrees for itself and its lessees, licensees, successors, or assigns that use and access is strictly prohibited until either (a) a risk assessment in accordance with CERCLA is completed, and either the PR EQB and/or EPA concur that no further remedial action is required allowing for unrestricted use, (b) a ROD is signed that sets forth less stringent land use restrictions, or (c) the Navy completes remedial action in accordance with CERCLA, the National Contingency Plan and applicable law that will allow unrestricted use.

5. SWMU-7, Quebrada Landfill:

Beginning at a survey control point in the Punta Arenas Wards, said point being a brass disk stamped Defense Mapping Agency 'PIRATA' and located in the center of the helicopter-landing pad at the top of Mt. Pirata. Said point having a northing of 751,423.8496 and an easting of 962,515.1200 noted as the Point of Beginning on the plat labeled SWMU07 BOUNDARY.

Thence N31°33'01"E 9,926.77' to an iron rod and cap set, the True Point of Beginning; having a northing of 759,883.2482 and an easting of 967,709.2779; thence N40°29'19"W 1087.35' to an iron rod and cap set; thence N14°37'31"W 351.84' to an iron rod and cap set on the southern line of the 50' INGRESS/EGRESS EASEMENT D-5; thence following a curve a curve to an iron rod and cap set with a long chord of 46.33', chord bearing of N79°36'40"E, Radius=2475.00', Arc Len=46.33'; thence N80°08'51"E 352.71' to an iron rod and cap set; thence departing said 50' INGRESS/EGRESS EASEMENT D-5 S14°12'13"E 525.19' to an

iron rod and cap set; thence S47°02'41"E 681.70' to an iron rod and cap set; then S40°44'04"W 346.36' to an iron rod and cap set, the True Point of Beginning.

For recordation purposes, said parcel is described as a parcel of land containing 435,610 square feet or 10.000 acres, which equates to 40,469.6 square meters or 10.296 cuerdas, bounded on the North by the Municipality of Vieques, on the East by the Municipality of Vieques, on the South by the Municipality of Vieques, and on the West by the Municipality of Vieques.

Upon which parcel Grantee covenants and agrees for itself and its lessees, licensees, successors, or assigns that use of, and access to SWMU-7 is strictly prohibited until either (a) a risk assessment in accordance with CERCLA is completed, and either the PR EQB and/or EPA concur that no further remedial action is required allowing for unrestricted use, (b) a ROD is signed that sets forth less stringent land use restrictions, or (c) the Navy completes remedial action in accordance with CERCLA, the National Contingency Plan and applicable law that will allow unrestricted use.

6. AOC-R, Former Staging and Operations Area:

Beginning at a survey control point in the Punta Arenas Wards, said point being a brass disk stamped Defense Mapping Agency 'PIRATA' and located in the center of the helicopter-landing pad at the top of Mt. Pirata. Said point having a northing of 751,423.8496 and an easting of 962,515.1200 noted as the Point of Beginning on the plat labeled AOC R BOUNDARY.

Thence N05°16'41"E 7821.97' to an iron rod and cap set, the True Point of Beginning "A" having a northing of 759,212.6563 and an easting of 963,234.6465; thence N32°58'31"W 993.27' to an iron rod and cap set; thence N77°03'52"E 848.22' to an iron rod and cap set; thence S01°35'07"W 985.62' to an iron rod and cap set; thence S81°40'08"W 261.57' to an iron rod and cap set, the True Point of Beginning "A".

For recordation purposes, said parcel is described as a parcel of land containing 522,728 square feet or 12.000 acres, which equates to 48,563.2 square meters or 12.356 cuerdas, bounded on the North by the Municipality of Vieques, on the East by the Municipality of Vieques, on the South by the Municipality of Vieques, and on the West by the Municipality of Vieques.

This property is made subject to the 50' Ingress/Egress Easement D-5 as shown on plat labeled 50' INGRESS/EGRESS EASEMENT D-5 prepared by Glenn & Sadler Associates, Inc. of Norfolk, Virginia and Luis Berrios Montes & Associates of Bayamon, Puerto Rico.

This property is also subject to Remedial Land Use Restrictions where as all Intrusive Activities are Prohibited, upon which parcel the Grantee covenants and agrees for itself and its lessees, licensees, successors, or assignees that use of and access to the AOC-R or parts thereof, except as further described herein, shall be limited to nonresidential land use, until either (a) a risk assessment in accordance with CERCLA is completed and either the Puerto Rico Environmental Quality Board (PR EQB) or the Environmental Protection Agency (EPA) concur that no further remedial action is required allowing for unrestricted use, (b) a Record of

Decision is signed that sets forth less stringent land use restrictions, or (c) the Navy completes remedial action in accordance with CERCLA, the National Contingency Plan and applicable law that will allow unrestricted use. Prohibited residential uses include, but are not limited to, any child care, preschool, playground, or any form of target residential housing purposes as defined by the Residential Lead Based Paint Hazard Reduction Act (Title X) and the Toxic Substances Control Act, except for the following described areas where Access and Use are Prohibited.

Beginning at said True Point of Beginning "A", having a northing of 759,212.6563 and an easting of 963,234.6465. Thence N32°58'31"W 411.67' to a point, the True Point of Beginning "B", having a northing of 759,558.0088 and an easting of 963,010.5833; thence N32°58'31"W 581.60' to a point; thence N77°03'52"E 848.22' to a point; thence S01°35'07"W 440.70' to a point on the northern line of the 50' INGRESS/EGRESS EASEMENT D-5; thence S60°02'05"E 288.97' to a point; thence following a curve to the True Point of Beginning "B" with a long chord 264.46', chord bearing of S69°25'49"W, Radius=810.00', Arc Len=265.65'.

Beginning at said True Point of Beginning "A", having a northing of 759,212.6563 and an easting of 963,234.6465. Thence N81°40'08"E 130.78' to a point, the True Point of Beginning "C", having a northing of 759,231.6063 and an easting of 963,364.0514; thence N08°19'52"W 164.99' to a point; thence S88°24'53"E 157.24' to a point; thence S01°35'07"W 140.00' to a point; thence S81°40'08"W 130.79' to a point, the True Point of Beginning "C".

Upon which parcels, Grantee covenants and agrees for itself and its lessees, licensees, successors, or assigns that use and access is strictly prohibited until either (a) a risk assessment in accordance with CERCLA is completed, and either the PR EQB and/or EPA concur that no further remedial action is required allowing for unrestricted use, (b) a ROD is signed that sets forth less stringent land use restrictions, or (c) the Navy completes remedial action in accordance with CERCLA, the National Contingency Plan and applicable law that will allow unrestricted use.

7. SWMU-5, Inhibiting Red Fuming Nitric Acid/Mixed Amine Fuel-4 Site:

Beginning at a survey control point in the Punta Arenas Wards, said point being a brass disk stamped Defense Mapping Agency 'PIRATA' and located in the center of the helicopter-landing pad at the top of Mt. Pirata. Said point having a northing of 751,423.8496 and an easting of 962,515.1200 noted as the Point of Beginning on the plat labeled SWMU05 BOUNDARY & 50' I/E EASEMENT.

Thence N57°04'09"E 4711.76' to an iron rod and cap set, the True Point of Beginning 'A', having a northing of 753,985.2824 and an easting of 966,469.8348; thence N36°14'16"E 143.73' to an iron rod and cap set; thence S53°46'13"E 119.73' to an iron rod and cap set; thence S35°36'28"W 145.42' to an iron rod and cap set; thence N52°58'24"W 121.34' to an iron rod and cap set, the True Point of Beginning 'A'.

For recordation purposes, said parcel is described as a parcel of land containing 17,424 square feet or 0.400 acres, which equates to 1,618.7 square meters or 0.412 cuerdas, bounded on the

Thence following a curve to a point with a long chord of 198.35', chord bearing of N50°53'13"W

Radius=352.50'

Arc Len=201.07'

Thence N34°32'46"W 308.16' to a point;

Thence following a curve to a point with a long chord of 224.68', chord bearing of N23°43'39"W

Radius=598.50'

Arc Len=226.02'

Thence following a curve to a point with a long chord of 259.84', chord bearing of N03°33'45"W

Radius=800.00'

Arc Len=261.00'

Thence N05°47'02"E 304.55' to a point on the southern line of the INGRESS/EGRESS EASEMENT NUMBER 1;

Thence N60°02'05"E 61.61' to a point;

Thence departing said INGRESS/EGRESS EASEMENT S05°47'02"W 340.54' to a point;

Thence following a curve to a point with a long chord of 243.60', chord bearing of S03°33'45"E

Radius=750.00'

Arc Len=244.68'

Thence following a curve to a point with a long chord of 205.91', chord bearing of S23°43'39"E

Radius=548.50'

Arc Len=207.14'

Thence S34°32'46"E 308.16' to a point;

Thence following a curve to a point with a long chord of 170.22', chord bearing of S50°53'13"E

Radius=302.50'

Arc Len=172.55'

Thence S67°13'41"E 384.75' to a point;

Thence following a curve to a point with a long chord of 256.58', chord bearing of S45°33'46"E

Radius=347.50'

Arc Len=262.80'

Thence S59°49'59"W 50.35' to a point and the True Point of Beginning.

Said easement containing 95,916 square feet or 2.202 acres, which equates to 8,910.9 square meters or 2.267 cuerdas.

For recordation at the Registry of Property, the legal description for the easement hereinabove described is as follows:

Strip of land having a length of five hundred eighty five point three (585.3) meters and a width of fifteen point twenty four (15.24) meters running North to South, bounded on the North, East

and West with land of the United States of America to be conveyed to the Municipality of Vieques, and on the South with land of the Puerto Rico Conservation Trust Fund.

8. The Government retains two access easements to its IR sites located within property retained by the United States (to be administered by the Department of Interior), which easements are constituted in favor of the Government over the MOV parcel for so long as they are necessary pursuant to Public Law 106-398 section 1506(b)(4).

a. AOC J access easement. Beginning at National Geodetic Survey Monument 'FRIO' (PID 9848) in the Punta Arenas Wards, said point being a brass disk stamped PUERTO RICO GPS CONTROL C.R.I.M. FRIO and having a northing of 754,659.1026 and an easting of 953,331.2647 noted as the Point of Beginning. Thence N59°58'40"E 10,433.26' to a point, the True Beginning having a northing of 759,879.2563 and an easting of 962,364.6976:

Thence Due North N00°00'00"E 19.17' to a point;

Thence S56°15'34"E 502.83' to a point;

Thence following a curve to a point with a long chord of 153.71', chord bearing of S77°43'36"E

Radius=210.00'

Arc Len=157.36'

Thence following a curve to a point with a long chord of 19.11', chord bearing of S81°28'55"W

Radius=810.00'

Arc Len=19.11'

Thence following a curve to a point with a long chord of 83.63', chord bearing of S58°34'24"W

Radius=104.51'

Arc Len=86.04'

Thence following a curve to a point with a long chord of 95.40', chord bearing of N66°49'49"W

Radius=260.00'

Arc Len=95.94'

Thence N56°15'34"W 545.60' to a point;

Thence N22°34'45"E 34.72' to a point, the True Point of Beginning.

For recordation purposes, the legal description for the easement hereinabove described is as follows:

Strip of land having a length of 198.8 meters and a width of 15.24 meters, containing 32,868 square feet or 0.755 acres, which equates to 3,053.6 square meters or 0.777 cuerdas, bounded on the North by the Municipality of Vieques, on the East by the Municipality of Vieques, on the South by the Municipality of Vieques, and on the West by the lands of the United States.

b. SWMU-4 access easement. Beginning at a survey control point in the Punta Arenas ward, said point being a brass disk stamped Defense Mapping Agency 'PIRATA' and located

in the center of the helicopter landing pad at the top of Mt. Pirata. Said point having a northing of 751,423.8496 and an easting of 962,515.1200 noted as the Point of Beginning on the plat labeled SWMU04 50' I/E EASEMENT. -----

- - -Thence N53°24'05"W 4,827.62' to an iron rod and cap set, the True Point of Beginning, having a northing of 754,302.1064 and an easting of 958,639.3536; thence following a curve to a point with a long chord of 56.75', chord bearing of N08°05'48"W, Radius=3000.00', ArcLen=56.75'; thence N53°40'46"E 39.25' to a point; thence N15°52'06"E 214.85' to a point; thence N12°05'36"E 348.50' to a point; thence N38°48'14"E 249.62' to a point; thence N31°57'35"E 431.88' to a point; thence N25°09'34"E 122.44' to a point; thence N19°15'37"E 169.51' to a point; thence N09°02'31"E 404.19' to a point; thence N59°29'19"E 164.30' to a point; thence N76°32'40"E 261.29' to a point; thence S86°30'48"E 198.22' to a point; thence S82°01'26"E 234.02' to a point; thence S75°55'28"E 159.97' to a point; thence S59°19'59"E 94.67' to a point; thence S47°26'26"E 247.84' to a point; thence N80°13'48"E 709.04' to a point; thence S83°38'22"E 474.68' to a point; thence S70°30'29"E 70.53' to a point; thence S52°38'33"E 183.13' to a point on the 50' INGRESS/EGRESS EASEMENT D-5; thence S32°39'58"W 50.17' to a point; thence departing said 50' INGRESS/EGRESS EASEMENT D-5 N52°38'33"W 179.38' to an iron rod and cap set; thence N70°30'29"W 56.92' to an iron rod and cap set; thence N83°38'22"W 461.84' to an iron rod and cap set; thence S80°13'48"W 726.52' to an iron rod and cap set; thence N47°26'26"W 267.20' to an iron rod and cap set; thence N59°19'59"W 82.17' to an iron rod and cap set; thence N75°55'28"W 150.01' to an iron rod and cap set; thence N82°01'26"W 229.40' to an iron rod and cap set; thence N86°30'48"W 188.81' to an iron rod and cap set; thence S76°32'40"W 246.35' to an iron rod and cap set; thence S59°29'19"W 133.25' to a concrete monument set; thence S09°02'31"W 385.11' to an iron rod and cap set; thence S19°15'37"W 176.56' to an iron rod and cap set; thence S25°09'34"W 127.99' to an iron rod and cap set; thence S31°57'35"W 437.84' to an iron rod and cap set; thence S38°48'14"W 240.74' to an iron rod and cap set; thence S12°05'36"W 338.28' to an iron rod and cap set; thence S15°52'06"W 233.62' to an iron rod and cap set; thence S53°40'46"W 83.21' to an iron rod and cap set, the True Point of Beginning.

- - -Said easement containing 238,074 square feet or 5.465 acres, which equates to 22,117.9 square meters or 5.627 cuerdas. -----

For recordation purposes, the legal description for the easement hereinabove described is as follows:

Strip of land having a length of 1,450.7 meters and a width of 15.24 meters running from West to East bounded on the North by the Municipality of Vieques, on the East by the Puerto Rico Conservation Trust Fund, on the South and West by the lands of the United States. "

9. Further, the Grantee, its lessees, licensees, successors, or assignees to any interest in any of the IR sites, or part thereof, described in this deed shall not engage in intrusive activities, which intrusive activities are further described as follows:

a. Construct or permit to be constructed any well, and shall not extract, utilize, consume, or permit to be extracted any water from the aquifer below the surfaces of the ground at or within 2,000 feet of the boundary of an IR Site for the purpose of human consumption, or other

use, until the Navy completes a risk assessment in accordance with CERCLA and either the PP, EQB and/or EPA concur that no further remedial action is required for a particular site, allowing for unrestricted use, or a ROD is signed that sets forth less stringent land use restrictions, or the Navy completes remedial action in accordance with CERCLA, the National Contingency Plan and applicable law that will allow groundwater use.

b. Excavate or conduct any other soil disturbing activities within those areas of known or suspected surface or subsurface soil contamination identified in the Expanded Preliminary Assessment/Site Investigation (PA/SI) and Environmental Baseline Survey (EBS) provided to the Grantee, without prior written approval of the Navy.

c. Undertake any alterations, additions, excavations, improvements to, installations upon, or otherwise modify or alter the areas associated with the Installation Restoration Program without written approval by the Navy Remedial Project Manager for Naval Ammunition Support Detachment, Vieques. Such approval will not be unreasonably withheld.

10. The Grantee, for itself and its lessees, licensees, successors, or assignees to any interest to the IR sites, or part thereof, further covenants and agrees that it shall:

a. Cooperate in good faith to minimize any conflict between necessary environmental investigation and remediation activities, and the operations and construction activities of the Grantee, and successors, lessees, and contractors of the Grantee;

b. Upon being provided reasonable advance notice by the Navy, the Grantee and its lessees, licenses, successors, or assignees will not interfere with the ability of the Navy, its agents, or contractors to establish and maintain for the purposes of future environmental investigations and response, or remedial activities certain designated areas for, but not limited to, monitoring and response or remediation, well sites and related sampling stations, decontamination facilities and treatability study sites;

c. Allow for the initiation and completion of all necessary response or remedial activities to address contaminated areas;

d. Will comply with the health and safety requirements of 29 CFR 1910.120 regarding the investigation and remediation of the IR sites; and

e. Will comply with the requirements set forth in Section IV.A.2.c of this Deed.

11. Notwithstanding any other rights granted in this deed, the Grantee's use of any portion of an IR Site must be consistent with any property use restrictions identified in any CERCLA Records of Decision (RODs) for NAVAL AMMUNITION SUPPORT DETACHMENT

Vieques issued by PR EQB and the Navy. The Navy shall ensure that the Grantee is provided a copy of all RODs.

12. The Navy hereby reserves the right to establish secured areas to allow for the initiation and completion of all necessary response or remedial actions to address installation restoration areas as described in this Deed. The Navy covenants and agrees that it will use its best efforts to establish such designated or secured areas in non-intrusive areas where practicable; and further covenants and agrees that it will use its best efforts not to interfere with the Grantees and its lessees, licenses, successors, or assignees use of contaminated areas. The Navy will attempt to develop remedies which do not employ permanent land use restrictions, and will consult with EPA and EQB in remedy development.

13. The Navy hereby reserves temporary ingress and egress easements and covenants for the continual environmental remediation of the Naval Ammunition Support Detachment Installation Restoration Sites (hereinafter "IR") as described and identified in paragraphs II.B.1. - 8. and IV.B.4. of this Deed and on the metes and bounds surveys. The aforementioned easements with respect to a particular IR site shall terminate upon written notification from the Navy that environmental remediation at that particular IR site is complete.

The Government and the Grantee request the Registry of the Property to record the hereinbefore constituted easements in its Registry books.

III. Existing Easements. The property described and conveyed above are hereinafter known as the MOV parcel. MOV parcel is also conveyed subject to the following described easements:

1. That portion of an easement of approximately forty three point seven hundredths (43.07) acres to Puerto Rico Electric Power Authority dated September twelfth, nineteen hundred and sixty two (1962) for an electric power line crossing Green Beach and terminating at Isabel Segunda, that is located on the Naval Ammunition Support Detachment, described as follows:

TRACT "A" - (PORTION OF NAVAL AMMUNITION SUPPORT DETACHMENT) Strip of land forty (40) feet wide, or twelve and one hundred ninety two thousands (12.192) meters, by approximately thirty nine thousand seven hundred and seventy (39,770) feet long, or twelve thousand one hundred and fifty-six hundredths (12,100.56) meters, or thirty six and fifty two hundredth (36.52) acres beginning twenty (20) feet or six and ninety six thousandths (6.096) meters on either side of a center line described as follows:

"Beginning at point on the westernmost tip of Vieques Island (Punta Arenas) at Latitude eighteen degrees, seven minutes and fifteen seconds, Longitude sixty five degrees, thirty four minutes and forty seconds thence south forty degrees two minutes east, five thousand six hundred eighty five feet (5,685), or one thousand seven hundred thirty two and seven hundred and eighty eight thousandths (1,732.788) meters to a point; thence north eighty seven degrees east, six thousand three hundred eighty five (6,385) feet, or one thousand nine hundred forty six and one hundred and forty eight thousandths (1,946.148) meters to a point; thence north seventy six degrees, fifty four minutes east, fifteen thousand six hundred forty (15,640) feet to a

point; thence, north seventy eight degrees, fourteen minutes east, ten thousand eight hundred (10,800) feet or three thousand two hundred ninety one and eighty four hundredths (3,291.84) meters to a point on the east boundary of the Naval Ammunition Depot-Martineau Area of the United States Navy at approximately one thousand five hundred (1,500) feet or four hundred fifty seven and two tenths (457.2) meters south three degrees, thirteen minutes and ten seconds east from Point C-1 on said boundary."

Being a portion of four (4) contiguous parcels of land acquired by the United States of America and recorded in its favor in the Registry of Property of Humacao as follows:

PARCEL ONE - ten thousand two hundred eight and eighty five hundredth acres acquired by Declaration of Taking in Condemnation proceedings number two thousand three hundred (2300) Civil filed in the United States District Court for Puerto Rico November twelfth, nineteen hundred forty one. Recorded at Page one hundred and eighty one, Volume twenty-eight of Vieques, property number one thousand twenty one, third inscription.

PARCEL TWO - ninety seven and thirty three hundredth acres acquired by Condemnation proceedings number two thousand four hundred and forty three Civil filed February seventeen, nineteen hundred and forty two. Recorded at Page twenty-two, Volume twenty-nine of Vieques, property number one thousand thirty seven, first inscription.

PARCEL THREE - six hundred eighty six and ninety six hundredth acres acquired by condemnation proceedings number two thousand four hundred and eighty seven Civil filed April sixth, nineteen hundred forty two. Recorded at page forty, Volume twenty-nine of Vieques, property number one thousand forty, first inscription.

PARCEL FOUR - one thousand two hundred thirty four and three hundredth acres acquired by condemnation proceedings number two thousand six hundred four Civil, filed May eleven, nineteen hundred forty two. Recorded at page fifty-seven, Volume twenty-nine of Vieques, property number one thousand forty two, first inscription.

2. An easement of approximately three hundred ninety four thousandths (0.3940) of an acre to the Puerto Rico Aqueduct and Sewer Authority dated January tenth, nineteen hundred and seventy seven (1977) for an electric power line to serve Puerto Rico Aqueduct and Sewer Authority's water pump station located on Naval Ammunition Support Detachment, described as follows:

All that certain parcel of land lying and being situated in the former Naval Ammunition Depot, Vieques Island, Puerto Rico, containing three hundred and ninety four thousandths (0.3940) acre, more or less, and being more particularly described as follows:

BEGINNING at Point A, said point having coordinates Y equals thirty one thousand seven hundred seventy three and forty seven hundredths (31,773.470) and X equals forty five thousand nine hundred fifty five and seventy eight hundredths (45,955.78); thence north fifty nine degrees, fifty five minutes and forty three seconds east, eighty two hundredths (0.82) meters to Point B; thence south thirty degrees, seventeen minutes and twelve seconds east,

twenty three and eighty six hundredths (23.86) meters to Point C; thence north fifty nine degrees, forty two minutes and forty eight seconds east, two and twenty three hundredths (2.23) meters to Point D; thence south thirty two degrees, forty seven minutes and six seconds east, five and twenty eight hundredths (5.28) meters to Point E; thence north seventy one degrees, forty nine minutes and thirteen seconds east, nine and thirty four hundredth (9.34) meters to Point F; thence south nineteen degrees, forty five minutes and fifteen seconds east, three and five hundredths (3.05) meters to Point G; thence south seventy one degrees, forty nine minutes and thirteen seconds west, nine and twenty seven hundredths (9.27) meters to Point H; thence south eight degrees, four minutes and thirty one seconds east, one hundred ninety and fifty seven hundredths (190.57) meters to Point I; thence south twenty eight degrees, forty four minutes and twelve seconds east, fifty five (55.00) meters to Point J; thence south forty one degrees, thirty three minutes and twenty two seconds east, one hundred sixty and fifty two hundredths (160.52) meters to Point K; thence south forty five degrees, fifty eight minutes and sixteen seconds east, fifty three and sixty eight hundredths (53.68) meters to Point L; thence north fifty three degrees, forty three minutes and twenty four seconds east, eleven and six hundredths (11.06) meters to Point M.; thence south eight degrees, twenty five minutes and sixteen seconds west, one and seventy one hundredths (1.71) meters to Point N; thence south sixty six degrees, two minutes fifteen seconds east, one and thirty four hundredths (1.34) meters to Point O; thence south fifty three degrees, forty two minutes and twenty three seconds west, ten and three tenths (10.30) meters to Point P; thence south forty five degrees, thirty five minutes and forty four seconds east, nine and fourteen hundredths (9.14) meters to Point Q; thence south forty four degrees, twenty four minutes and sixteen seconds west, three and five hundredths (3.05) meters to Point R; thence north forty five degrees, thirty three minutes and forty four seconds west, sixty five and eighty eight hundredths (65.88) meters to Point S; thence north forty one degrees, thirty three minutes and twenty two seconds west, one hundred sixty and thirty five hundredths (160.35) meters to Point T; thence south sixty one degrees, thirty seven minutes and fifty eight seconds west, nine and fifteen hundredths (9.15) meters to Point U; thence north twenty eight degrees, twenty two minutes and thirty two seconds west, three and five hundredths (3.05) meters to Point V; thence north sixty one degrees, thirty seven minutes and fifty eight seconds east, nine and fifteen hundredths (9.15) meters to Point W; thence north twenty eight degrees, forty four minutes and twenty two seconds west, fifty one and ninety four hundredths (51.94) meters to Point W-one; thence south sixty one degrees, fifteen minutes and thirty eight seconds west, nine and twenty seven hundredths (9.27) meters to Point W-two; thence north eighteen degrees, twenty four minutes and two seconds, three and five hundredths (3.05) meters to Point W-three; thence north sixty one degrees, fifteen minutes and thirty eight seconds east, nine and twenty seven hundredths (9.27) meters to Point W-four; thence north eight degrees, four minutes and thirty one seconds west, one hundred ninety and forty two hundredths (190.42) meters to Point W-five; and thence north thirty degrees, seventeen minutes and twelve seconds west, thirty and sixty nine hundredths (30.69) meters to Point A, the POINT OF BEGINNING, as shown on Roe and Associates, Engineering Consultants, San Juan, Puerto Rico Drawing Sheet number LA-two of LA-three, dated August seventh, nineteen hundred and seventy four, last revised November sixteenth, nineteen seventy six entitled "Puerto Rico Aqueduct and Sewer Authority Vieques Water Pipeline, Arcadia Easement Rights."

IV. Environmental Conditions.

The following provisions govern responsibility for addressing environmental conditions on the MOV parcel, to include groundwater:

A. Uncontaminated Property Conveyance – CERCLA 120(h)(4)

1. Pursuant to Section 42 U.S.C. Section 9620 (h)(4) of the Comprehensive Environmental Response, Compensation and Liability Act, as amended and the Comprehensive Environmental Response, Compensation and Liability Act lead agent authority of the Department of Defense created by 42 U.S.C. Section 9604 and Section 9615 of Comprehensive Environmental Response, Compensation and Liability Act, Section 2.d. of Executive Order 12580 (52 F.R. 2923; January 29, 1987), and the National Contingency Plan (40 C.F.R. Section 300.5), the Department of Defense, having obtained the required concurrences, has determined that, with the exception of those specific parcels addressed in sections II.B. and IV.B. of this Deed, the MOV parcel, to include groundwater, are uncontaminated, based on the review of available information indicating that no hazardous substance and no petroleum products or their derivatives are known to have been released or disposed of at the MOV parcel. The parties agree that the Government's obligations pursuant to CERCLA and this section extend to groundwater.

2. Further, the Government hereby covenants and agrees pursuant to section 120(h)(4)(D) of CERCLA (42 USC 9620(h)(4)(D)) that, in accordance with, and to the extent required at the MOV parcel, to include groundwater, by the applicable federal, state, and local laws, the Government shall timely:

a. Undertake any response action or corrective action found to be necessary after the date of such sale or transfer in connection with any release or threatened release of a hazardous substance, pollutant or contaminant, petroleum or a petroleum derivative, from or on the MOV parcel, to include groundwater, caused by Department of Defense activities; and

b. Settle or defend any claim, demand, or order made by federal, state or local regulators or third parties in connection with any release or threatened release of a hazardous substance, pollutant or contaminant, petroleum or a petroleum derivative, from or on the MOV parcel, to include groundwater, caused by Department of Defense activities, and found to be necessary after the date of the transfer.

c. The Grantee or any successors in interest seeking from the Government a response action as described above, shall:

i. Notify the Government in writing within ninety (90) days after the learning of any previously unidentified condition at the MOV parcel that suggests a response action is necessary, or within ninety (90) days after receiving notice of a claim by federal, state or local regulators, or other third parties of any condition at the MOV parcel that suggests a response action is necessary. If the Grantee or any successor(s) in interest is served with a complaint or written notice of a claim by the federal, state, or local regulators, the served party shall provide

the Government with a copy of such document no later than fifteen (15) days following service of such document;

ii. Furnish the Government copies of pertinent papers the Grantee or successors in interest receive;

iii. Provide, upon request of the Government, reasonable access to the records and personnel of the Grantee or successors in interest for purposes of defending, or resolving the need for additional response action; and

iv. Provide, upon request of the Government, reasonable access to the property of the Grantee or its successors in interest for purposes of performing a response action on the MOV parcel or on adjoining property.

3. So that the Government may fulfill responsibilities established herein, the Government reserves a right of access to the MOV parcel for any case, whenever occurring, in which the Government is obligated to undertake a response action or corrective action after the date of the Deed at the MOV parcel, or if such access is necessary to carry out a response action or corrective action on any adjoining property. Such right of access shall run with the land and be binding on all future owners of the MOV parcel. The Grantee also shall include in any real property instrument or contractual agreement with any other party governing use or possession of the MOV parcel, a provision clearly providing the Government a right of access to the MOV parcel for any case in which the Government is obligated to undertake a response action or corrective action after the date of the Deed at the MOV parcel or such access is necessary to carry out any response action or corrective action on any adjoining property.

B. Notice of Covenant Deferral. Pursuant to the requirements for "covenant deferral" of Section 120 (h)(3)(C) of the Comprehensive Environmental Response, Compensation and Liability Act, amended by Section 334 of the National Defense Authorization Act for Fiscal Year 1997 [Pub. L. No. 104-201; 42 U.S.C. 9620(h)(3)(C)], the following notices, assurances, covenants and declarations apply, to the Installation Restoration Sites located within the MOV parcel and described in this Deed. The Installation Restoration Sites within the MOV parcel, to include groundwater, subject to this section IV.B. are as set out in section II.B.1. - 12.

1. **Hazardous Substance Notification.** Pursuant to Section 120(h)(3)(A)(i) of the Comprehensive Environmental Response, Compensation and Liability Act, notice is hereby provided that the information set out hereinafter identifies hazardous substances that were stored for one year or more, known to have been released, or disposed of on the MOV parcel. The Government has made a complete search of its files and records concerning the MOV parcel and found that the following list provides: (a) notice of the type and quantity of such hazardous substances, (b) notice of the time the storage, release, or disposal took place, and (c) a description of the remedial action taken, if any.

Site	Bldg or Lot. No.	Facility Name	Hazardous Substances	Quantity	Date(s) Storage known)	of (if Stored (S), Released (R), or Disposed of (D)
SWMU 05	Near 422	IRFNA/M AF-4 Disposal Site	Drone Fuels	~ 7,000 lbs.	1975	R & D
SWMU 07	NA	Quebrada Disposal Site	Lubricants, oils	>1,500 cubic yards	1960s-1970s	D
			Paint	>1,500 cubic yards	1960s-1970s	D
			Solvents	>1,500 cubic yards	1960s-1970s	D
SWMU 10	Near 4001	Waste Paint and Solvents Disposal Site	Paint	Unknown	1970s-1990s	R
			Solvents	Unknown	1970s-1990s	R
SWMU 14	Near 2016	Wash Rack	Degreasing solvents	Unknown	Late 1970s-1990s	R
SWMU 15	NA	Waste Transportation Vehicle Area	Corrosive waste (e.g. napalm)	Unknown	Unknown	S & R
AOC B	NA	Wastewater Treatment Plant	Potential Hazardous Constituents	Unknown	Since 1983	R
AOC C	NA	Drainage Ditch in the Vicinity of the Transportation Shop	Unknown	Unknown	Unknown	Unknown
AOC E	2016	UST Site 2016	Waste Oil	550-gallon	1970-1990	S & R

				UST		
AOC F	NA	UIC Septic Tank Site	Septic waste	Max 1,500 gallons	Unknown	S
AOC K	NA	Water Well at Main Operations Area	Benzene	Unknown	1941-1979	R
AOC I		Asphalt Plant	Fuel	Unknown	1960s-1998	S & R
AOC H		Abandoned Power Plant	Fuel	2,000-3,000 gallons	1941-1980s	S & R
AOC L		Abandoned Septic Vault	Sewage	Unknown	Unknown	S
AOC R		Former Operations/ Staging Area	Oils	Unknown	1965-1971	S

2. Additional Remediation Obligation [Section 120(h)(3)(A)(ii)(II) of the Comprehensive Environmental Response, Compensation and Liability Act]. The Government covenants and warrants that Government shall conduct any additional remedial action necessary after the effective date of the warranty granted under paragraph 5. below for any hazardous substance, pollutant, contaminant, petroleum or petroleum derivative existing on the Installation Restoration sites described in this Deed prior to the date of this Deed. This covenant shall not apply to the extent that any release or threatened release of any hazardous substance, pollutant, contaminant, petroleum or petroleum derivative is a result of the Grantee's actions.

3. Access [Section 120 (h)(3)(A)(iii) of the Comprehensive Environmental Response, Compensation and Liability Act]. Government reserves access to and the right to use the MOV parcel in any case in which a remedial or corrective action is found to be necessary after the date of the conveyance of the MOV parcel. In exercising this right of access, except in the case of imminent and substantial endangerment to human health or the environment, the Government; (a) shall give the Grantee reasonable prior written notice of actions to be taken related to such remedial or corrective actions on the MOV parcel and (b) make reasonable efforts to minimize interference with the ongoing use of the MOV parcel. Furthermore, the Government and Grantee agree to cooperate in good faith to minimize any conflict between necessary environmental investigation and remediation activities and the Grantee's use of the MOV parcel. Any inspection, survey, investigation or other response, corrective or remedial action undertaken by the Government will, to the maximum extent practicable, be coordinated with representatives designated by the Grantee.

4. Response Action Assurance [Section 120(h)(3)(C)(ii) of the Comprehensive Environmental Response, Compensation and Liability Act]:

a. Necessary Restrictions to Protect Human Health and the Environment [Section 120(h)(3)(C)(ii)(I) of the Comprehensive Environmental Response, Compensation and Liability Act]. The environmental covenants, conditions and restrictions (hereinafter "environmental restrictions") set forth in paragraph II.B.1. - 12 above regarding the use of the MOV parcel have been determined by the Government in this Covenant to be reasonably necessary to protect present or future human health or safety or the environment as provided by the Comprehensive Environmental Response, Compensation and Liability Act. The environmental restrictions made and accepted herein by Grantee shall be for the benefit of and enforceable by the Government herein, shall run with the land, and shall be binding on the Grantee, its successors and assigns. These environmental restrictions shall be released at such time as the Government has obtained written confirmation from Commonwealth of Puerto Rico that the appropriate regulatory agency has determined that in view of the selected remedy the condition of the restricted Property is protective of present or future human health or safety or the environment for the use that was formerly prohibited. Upon receipt of such written confirmation, the Government shall deliver to the Grantee in recordable form, a release (hereinafter the "Release") relating specifically to the environmental use restrictions set forth in this deed. The execution of the Release by the Government shall remove subject notices and restrictions relating to the remedy addressed by the restrictions from the title to the MOV parcel. Grantee further covenants and agrees that should it desire remediation beyond that provided by a remedy selected by the Government in consultation with the Grantee pursuant to CERCLA, funding and execution of that additional remediation shall be the responsibility of the Grantee.

b. Disruption of Remedies [Section 120(h)(3)(C)(ii)(II) of the Comprehensive Environmental Response, Compensation and Liability Act]. The Grantee covenants not to engage in activities that will disrupt required remedial investigations, remedial, or oversight activities, should any be required of the Government on the MOV parcel. The Government and Grantee agree to cooperate in good faith to minimize any conflict between necessary environmental investigation and remediation activities at the MOV parcel, and the operations and construction activities of the Grantee, and successors, lessees and contractors of the Grantee.

c. Response Action Assurance and Schedules for Investigation and Completion of all Necessary Response Action [Section 120 (h)(3)(C)(ii)(III) of the Comprehensive Environmental Response, Compensation and Liability Act]. The Government hereby provides assurance that it will take all necessary response action at the MOV parcel as provided by Section 120(h)(3)(C)(ii)(II) of the Comprehensive Environmental Response, Compensation and Liability Act. Schedule entitled planned remedial or corrective actions for investigation and completion of all necessary response action have been identified and separately provided to the Commonwealth of Puerto Rico. The Government will provide the current schedule to the Grantee within ninety (90) days of the effective date of this deed. The Government further agrees it will provide updates to the current schedule as they occur. The Government agrees

that it will make best efforts to accomplish the necessary remedial actions in a timely manner. The Government anticipates that restoration efforts will be complete for these sites by approximately September 2005. Government and Grantee agree that further investigations may reveal site conditions that are more complex than those currently anticipated, which could result in a requirement for additional funding and time to complete restoration efforts. As part of its periodic budget preparation and submission process for the Environmental Restoration Navy program account, the Navy will update the budget submission information for these IR sites as necessary to account for any changes as a result of work conducted and changes made to the site Management Plan.

d. Budget Requests [Section 120(h)(3)(C)(ii)(IV) of the Comprehensive Environmental Response, Compensation and Liability Act]. The Government hereby provides assurances that it will submit a budget request to the Director of the Office of Management and Budget that adequately addresses schedules for investigation and completion of all necessary response actions subject to Congressional authorization and appropriations.

5. Grant of Covenant [Section 120(h)(3)(C)(iii) of the Comprehensive Environmental Response, Compensation and Liability Act]. When all response action necessary to protect human health and the environment with respect to any substance remaining on the property on the date of transfer has been taken, the Government shall execute and deliver to the Grantee an appropriate document containing a warranty that all such response action has been taken and that the requirements of Section 120(h)(3)(a)(ii)(I) of the Comprehensive Environmental Response, Compensation and Liability Act have been satisfied.

C. Property/Injury Indemnification

1. Pursuant to Public Law 106-398, Title XV, as amended, and subject to the provisions of this Section III of the Deed, Government shall hold harmless, defend and indemnify, in full, the following:

i. The Commonwealth of Puerto Rico (including any officer, agent, or employee of the Commonwealth of Puerto Rico).

ii. The Municipality of Vieques, Puerto Rico, and any other political subdivision of the Commonwealth of Puerto Rico that acquires such ownership or control (including any officer, agent, or employee of that Municipality or other political subdivision).

iii. Any other person or entity that acquires such ownership or control.

iv. Any successor, assignee, transferee, lender, or lessee of a person or entity described in clauses (i) through (iii), (collectively and individually "Indemnitee(s)"), from and against any suit, claim, demand, action, liability, judgment, cost or fee, arising out of any claim for personal injury or property damage (including death, illness, loss of or damage to property or economic loss) that results from, or is in any manner predicated upon, the release or threatened release of any hazardous substance, pollutant, contaminant, petroleum or petroleum derivative from or on the MOV parcel, as a result of Department of Defense activities at Naval Ammunition Support

2. In any case in which Government determines that it may be required to indemnify an Indemnitee(s) for any suit, claim, demand, action, liability, judgment, cost or other fee arising out of any claim for personal injury or property damage, Government may settle or defend on behalf of that Indemnitee(s), the claim for personal injury or property damage.

3. If any Indemnitee(s) does not allow Government to settle or defend the claim, such Indemnitee(s) will not be afforded indemnification with respect to that claim. Government will not indemnify the Indemnitee(s) unless such Indemnitee(s):

a. Notifies Government in writing within 90 days after the Grantee has actual knowledge of such an indemnification claim. If Indemnitee(s) is served with a complaint or written notice of a claim by federal, state or local regulators, Indemnitee(s) will provide Government with a copy of such document no later than 15 days following service of the complaint. Indemnitee(s) right to indemnification shall not expire due to late notice unless Government's ability to defend or to settle is materially and adversely affected;

b. Furnishes Government copies of pertinent papers the Indemnitee(s) receives; and

c. Furnishes, to the extent it is in the possession or control of Indemnitee(s), evidence or proof of any claim, loss, or damage covered by subparagraph a.; and

d. Provides, upon request of Government, reasonable access to the records and personnel of the Indemnitee(s) for purposes of defending or settling the claim or claims.

4. Government will not indemnify an Indemnitee(s) to the extent that any such release or threatened release of any hazardous substance, pollutant, contaminant, petroleum or petroleum derivative from or on the MOV parcel occurred as the result of such Indemnitee(s) actions. Government is entitled to contribution from Indemnitee(s) to the extent Government shows that such release was a result of the Indemnitee(s) actions. However, the availability of contribution shall not affect the requirement of Government to defend an Indemnitee(s), unless such Indemnitee(s) is solely responsible for the release or threatened release giving rise to the claim for indemnity, in which case the Government's duty to defend will not exist as to that claim.

D. Responsibilities of the Grantee.

1. Grantee covenants and agrees that for any release or threatened release of any hazardous substance, pollutant, contaminant, petroleum or petroleum derivative found on the MOV parcel following the date of transfer that is determined to be a result of the Grantee's actions, the Grantee assumes responsibility for all remedial work determined to be necessary. The Grantee further covenants that to the extent any remedy includes land use restrictions agreed to by PR EQB and/or EPA, that the Grantee will enforce those restrictions. This covenant is binding on all of the Grantee's successors in interest and shall run with the land.

2. Nothing in the Deed shall be interpreted as waiving any rights that the Government may have under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) or any other Federal, Puerto Rico or local law, regulation or ordinance, including any cost recovery authorized by law, against the Grantee, or the Grantee's successors and assigns, that may arise on account of or in any way connected with operations of the Grantee or the Grantee's successors and assigns, on the MOV parcel after the date of the Deed, or on account of any condition at the MOV parcel or other properties, including without limitation to adjacent real property owned by the Government.

E. Unexploded Ordinance. Government and Grantee recognize that there is a potential for unexploded ordnance to be found on the MOV parcel. The Government hereby agrees that it will remove and dispose of discovered unexploded ordnance to the extent required by then-applicable federal laws and regulations and pursuant to Navy and Department of Defense policies, and subject to Congressional authorizations and the availability of appropriated funds.

F. Lead Based Paint Notification. The Grantee is hereby informed and does acknowledge that the MOV parcel include buildings and structures that are presumed to contain Lead Based Paint. Lead from paint, paint chips, and dust can pose health hazards if not managed properly. The Government and Grantee agree that the MOV parcel does not include any "target housing" as that term is defined in the Residential Lead-Based Paint Hazard Reduction Act of 1992.

G. Asbestos Containing Materials Notification

1. The Grantee is hereby informed and does acknowledge that asbestos or asbestos-containing materials (ACM) have been found and are otherwise presumed to exist in buildings and structures on the Property. The Grantee acknowledges receipt of documentation disclosing the presence of any known ACM hazards in the buildings and structures on the Property. The Grantee covenants that it will prohibit occupancy of buildings and structures, or portions thereof, containing known ACM hazards prior to abatement of the hazards or demolition of the building or structure.

2. The Grantee covenants and agrees that in its use and occupancy of the Property, including but not limited to demolition of buildings containing ACM, it will comply with all applicable Federal, State, and local laws relating to ACM. The Grantee acknowledges that the Grantor assumes no liability for damages for personal injury, illness, disability, or death to the Grantee, or to any other person, including members of the general public, arising from or incident to the purchase, transportation, removal, handling, use, disposition, or other activity causing or leading to contact of any kind whatsoever with ACM in the structures on the Property, whether the Grantee has properly warned, or failed to properly warn the persons injured.

H. Definitions and General Provisions.

1. For the purpose of the provisions of this Section IV, the following terms have the meanings indicated below:

a. "Release", "threatened release", "hazardous substance", "pollutant", "contaminant", "removal," "remedial action", and "response" have the meanings given such terms under CERCLA and U.S. Environmental Protection Agency regulations implementing CERCLA.

b. "Department of Defense activities" means the Department of Defense's construction, installation, placement, operation, maintenance, misuse, abandonment or failure to maintain the buildings and equipment and land on the MOV parcel, or failure to satisfy any otherwise legally applicable obligation to investigate or remediate any environmental conditions existing at the MOV parcel. "Department of Defense activities" does not mean the release or threatened release of a hazardous substance, pollutant, contaminant, petroleum or a petroleum derivative, to the extent that Government shows that the release or threatened release is caused or contributed to by the Grantee or successor in interest.

c. "Action arising out of any claim for property damage" includes, but is not limited to, any judicial, administrative or private cost recovery proceeding brought against the Grantee or Grantee's successors in interest (i) for response costs arising under CERCLA, (ii) for costs incurred to enjoin or abate the presence or migration of contamination from or on the MOV parcel under RCRA, or (iii) for costs incurred to comply with the requirements of similar federal or state laws and regulations (or the laws of any political subdivision of the Commonwealth) which arise from the environmental conditions on the MOV parcel.

d. "Environmental condition(s)" means any hazardous substance, pollutant or contaminant, including hazardous waste or hazardous constituent, petroleum or petroleum derivative disposed of, released or existing in environmental media such as soil, subsurface soil, air, groundwater, surface water or subsurface geological formations at levels above background.

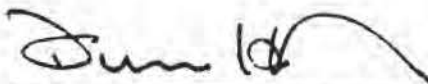
2. Prior to taking any action or reaching any final settlement under this Section IV. that could adversely impact Grantee or Grantee's successors in interests use of the MOV parcel, Government shall consult with Grantee or its successors in interest to minimize any such impact.

3. Nothing in this Section IV. creates rights of any kind in any person or entity other than: (i) the Government and (ii) the Grantee and the Grantee's successors in interest.

TO HAVE AND TO HOLD the MOV parcel herein granted with all the privileges and appurtenances thereto belonging, to the GRANTEE and its successors and assigns forever, subject to the conditions set forth in the DEED.

IN WITNESS WHEREOF, the GOVERNMENT, acting by and through its Deputy Assistant Secretary of the Navy (Installation and Facilities), has hereunto subscribed its name and affixed the seal of the United States Department of the Navy.

UNITED STATES OF AMERICA



Duncan Holaday
Deputy Assistant Secretary
Installations and Facilities

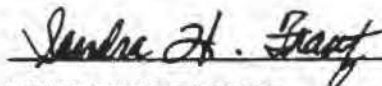
COUNTY OF ARLINGTON

COMMONWEALTH OF VIRGINIA

() to-wit:

I, Sandra H. Grant, a Notary Public in and for the State of Virginia, do hereby certify that Mr. Duncan Holaday, whose name is signed to the foregoing DEED, has this day, acknowledged the same before me in the County and State aforesaid.

Given under my hand this 30th day of April, 2001.



NOTARY PUBLIC

My Commission expires 30 September 2002

(SEAL)

IN WITNESS WHEREOF, the Municipality of Vieques hereby accepts the terms and conditions herein provided by this conveyance document, and has hereunto subscribed its name and affixed the seal of the Municipality of Vieques.

Henry M. Gonzalez Vega

Authorized Representative, Municipality of
Vieques,
Commonwealth of Puerto Rico

I, Sandra H. Gandy, a Notary Public in and for the Commonwealth of Virginia, do hereby certify that HENRY M. GONZALEZ VEGA whose name is signed to the foregoing Deed, has this day acknowledged the same before me in the County and State aforesaid.

Given under my hand this 30th day of April, 2001.

Sandra H. Gandy

NOTARY PUBLIC

My Commission expires 30 September 2002

(SEAL)

VIRGINIA: IN THE VIRGINIA BEACH CIRCUIT COURT CLERK'S OFFICE

CERTIFICATION OF A NOTARY

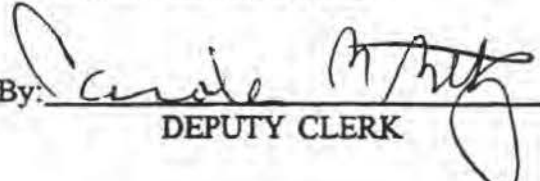
I, J. CURTIS FRUIT, Clerk of the Virginia Beach Circuit Court, CERTIFY that:

1. Sandra H Frantz, who performed a notarial act to the attached document or writing, took an oath of notary and was issued his or her commission as notary public by this court pursuant to § 47.1-9.

2. At the time of performing such notarial act, the term of office of such notary public had not expired.

DATE: May 2, 2001
SEAL OF COURT AFFIXED

J. CURTIS FRUIT, CLERK

By: 
DEPUTY CLERK



QUITCLAIM DEED

(GROUP (LOT TIE), RECTIFICATION OF AREA, SEGREGATION, DESCRIPTION OF REMNANT, CONVEYANCE, CONSTITUTION OF EASEMENTS AND CONSTITUTION OF RESTRICTIVE COVENANTS)

THIS INDENTURE, made this thirtieth (30th) day of April, 2001, by and between the United States of America, acting by and through the Department of the Navy, herein represented by Duncan Holaday, of legal age, married and resident of the Commonwealth of Virginia, United States of America, hereinafter called the "Government", and the Puerto Rico Conservation Trust, also known as the Puerto Rico Conservation Trust Fund and known in Spanish as "El Fideicomiso de Conservación de Puerto Rico", Federal Employer Identification Number ("E.I.N.") 66-0288581, a charitable non-profit perpetual Trust, organized under the laws of the Commonwealth of Puerto Rico, pursuant to Deed Number five (5) executed on January twenty third (23) Nineteen seventy (1970) before Notary Public Luis Felipe Sánchez Vilella, whose trustees are Thomas Lovejoy Paige, also known as Thomas E. Lovejoy Paige, with Social Security Number 132-34-3947, of legal age, single, executive and resident of Washington, District of Columbia; Arleen Pabón Charneco, with Social Security Number 583-26-3898, of legal age, single, architect and resident of Guaynabo, Puerto Rico and Kate Donnelly de Romero, also known as Kate Romero, with Social Security Number 060-30-8027, of legal age, married, property owner and resident of Dorado, Puerto Rico; all are hereby represented in this act by the Executive Director of the Puerto Rico Conservation Trust, Francisco Javier Blanco Cestero, also known as Javier Blanco, with Social Security Number 580-82-2438, of legal age, married, architect and resident of San Juan, Puerto Rico, hereinafter called the "Grantee".

WITNESSETH:

FIRST: That the Government represents that it is the owner and sole title holder of certain real properties which together are identified as the Naval Ammunition Support Detachment on the western portion of the Island of Vieques, Puerto Rico, made of several parcels of land described in the Registry of Property as follows:

PARCEL NUMBER ONE (1)

Rural: Parcel of land indicated as Parcel number one (1) on P.W. Drawing No. one hundred sixty-six (166) attached to the declaration of taking filed as Exhibit A, situated in the Wards of Mosquito, Florida and Llave, Municipality of Vieques, Puerto Rico, containing an area of two thousand six hundred sixteen (2,616) hectares, forty-eight (48) ares and sixty-nine (69) centiares, more or less, equivalent to six thousand six hundred and fifty-seven and five hundredths (6,657.05) cuerdas, equivalent to six thousand four hundred and sixty-five (6,465) acres, bounded by the North by the Atlantic Ocean, and by the lands of María Ceferino, Elaudio Colón, Estate of Quiñones, Estate of Benito Martínez; on the East by Just Haristoy, Estate of Dubois, Eulogio Cruz, Engracia Ortiz, Pablo Burgos, Estate of Monserrate Ortiz, Evaristo Morales, Jobo González, Pascasio Rosa, Estate of Morales, Estate of López, Francisco Pérez, Tomás Ramírez, Ines Brignoni, Rosa Pérez, Felipe

Quiñones, Norberto Monell, Esteban Díaz, and others; on the South by the Caribbean Sea and by the lands of Ana Rieckhoff, on the West by the Caribbean Sea.

Property number one thousand twenty one (1,021) recorded at page one hundred eighty one (181) overleaf of volume twenty eight (28) of Vieques, Registry of Property of Fajardo, Puerto Rico.

The Government acquired Property one thousand twenty one (1021) by condemnation, as per judgment issued on November twelve (12) nineteen hundred forty (1940), Civil Case Number two thousand three hundred (2300) of the United States District Court for the District of Puerto Rico.

As stated in the Registry of Property, said Property is free from liens and encumbrances.

A parcel of land with an area of one hundred fourteen point eight thousand three hundred thirty one (114.8331) cuerdas equivalent to four hundred fifty one thousand three hundred thirty nine point five thousand one hundred thirty eight (451,339.5138) square meters and equivalent to one hundred eleven point fifty three (111.53) acres, was segregated from property number one thousand twenty one (1021). Said segregated parcel was lot tied (grouped) to other properties to form property number one thousand seven hundred fifty seven (1757), recorded at page one hundred twenty (120) of volume forty six (46) of Vieques, Registry of Property of Fajardo, Puerto Rico. After the segregation of said parcel, the description of the remnant of property one thousand twenty one (1021) is as follows:

Rural: Parcel of land situated in the Wards of Mosquito, Florida and Llave, Municipality of Vieques, Puerto Rico, containing an area of six thousand five hundred forty two point two thousand one hundred sixty nine (6542.2169) cuerdas, equivalent to twenty five million seven hundred thirteen thousand five hundred point six thousand eight hundred sixteen (25,713,500.6816) square meters, equivalent to six thousand three hundred fifty three point forty seven (6,353.47) acres; bounded by the North by the Atlantic Ocean, and by the lands of María Ceferino, Elaudio Colón, Estate of Quiñones, Estate of Benito Martínez; on the East by Just Haristoy, Estate of Dubois, Eulogio Cruz, Engracia Ortiz, Pablo Burgos, Estate of Monserrate Ortiz, Evaristo Morales, Jobo González, Pascasio Rosa, Estate of Morales, Estate of López, Francisco Pérez, Tomás Ramírez, Ines Brignoni, Rosa Pérez, Felipe Quiñones, Norberto Monell, Esteban Díaz, and others; on the South by the Caribbean Sea and by the lands of Ana Rieckhoff, on the West by the Caribbean Sea.

PARCELS A, B, C, D, E, AND F

Rural: one thousand two hundred thirty-four and three centimeters (1,234.03) acres of land, equal to one thousand two hundred seventy point fifty eight (1,270.58) cuerdas, more or less, located at the Wards of Punta Arenas and La Llave, of the Municipality of Vieques, containing six parcels in the title as presented and in the English language described as follows:

Parcel A. Parcel of land shown as Parcel A on P.W. Drawing number one hundred and sixty-six (166) attached to the declaration of taking on file on this proceeding situated in the Wards of Punta Arenas and La Llave, Municipality of Vieques, Puerto Rico, having an area of five hundred thirty-five and fifty-two hundredths (535.52) acres, more or less, equivalent to five hundred fifty-one and

thirty-nine hundredths (551.39) cuerdas, equivalent to two hundred sixteen (216) hectares, seventy-one (71) ares, seventy-eight (78) centiares, bounded on the North, South, and West by lands of the United States acquired from Juan Angel Tió and on the East by lands of Lola Benítez. Parcel B. Parcel of land shown as Parcel B on P.W. Drawing number one hundred and sixty-six (166), hereinbefore referred to, situated in the Wards of Punta Arenas and La Llave, having an area of thirty-five and fifty-four hundredths (35.54) acres, more or less, equivalent to thirty-six and fifty-nine hundredths (36.59) cuerdas, equivalent to fourteen (14) hectares, thirty-eight (38) ares, sixteen (16) centiares bounded on the North and South by lands of the United States acquired from Juan Angel Tió, on the East, by land of Georgina Benítez and on the West by land of Carmen Amelia Benítez Bithorn. Parcel C. Parcel of land shown as Parcel C on P.W. Drawing number one hundred and sixty-six (166) hereinbefore referred to, situated in the Wards of Punta Arenas and La Llave, Municipality of Vieques, Puerto Rico having an area of thirty-five and fifty-four hundredths (35.54) acres, more or less, equivalent to thirty-six and fifty-nine hundredths (36.59) cuerdas, equivalent to fourteen (14) hectares, thirty-eight (38) ares, sixteen (16) centiares bounded on the North and South by lands of the United States, acquired from Juan Angel Tió; on the East by lands of Francisca Carlota and Carlos Arturo Benítez Santiago and on the West by land of Lola Benítez. Parcel D. Parcel of land shown as Parcel D on P.W. Drawing number one hundred and sixty-six (166) hereinbefore referred to, situated in the Wards of Punta Arenas and La Llave, Municipality of Vieques, having an area of one hundred twenty-six and nine tenths (126.90) acres, more or less, equivalent to one hundred thirty and sixty-six hundredths (130.66) cuerdas, equivalent to fifty-one (51) hectares, thirty-five (35) ares, forty-six (46) centiares, bounded on the North and South by lands of the United States acquired from Juan Angel Tió, on the East by lands of Julio Benítez Vázquez, and on the West by lands of Georgina Benítez. Parcel E. Parcel of land shown as Parcel E on P.W. Drawing number one hundred and sixty-six (166) hereinbefore referred to, situated in the Wards of Punta Arena and La Llave, Municipality of Vieques, Puerto Rico consisting of thirty-five and fifty-four hundredths (35.54) acres, more or less equivalent to thirty-six and fifty-nine hundredths (36.59) cuerdas, equivalent to fourteen (14) hectares, thirty-eight (38) ares, eighteen (18) centiares, bounded on the North, South and East by lands of the United States acquired from Juan Angel Tió, and on the West by land of Francisca, Carlota and Carlos Arturo Benitez Santiago. Parcel F. Parcel of land shown as Parcel F on P.W. Drawing number one hundred and sixty-six (166) hereinbefore referred to, situated in the Wards of Punta Arenas, Municipality of Vieques, having an area of four hundred sixty-four and ninety-nine hundredths (464.99) acres, more or less, equivalent to four hundred seventy-eight and seventy-six hundredths (478.76) cuerdas equivalent to one hundred eighty-eight (188) hectares, seventeen (17) ares, thirty-eight (38) centiares, bounded on the North and East by lands of the United States, acquired from Juan Angel Tió and on the South and West by the Caribbean Sea.

All of the above are recorded under Property number one thousand forty two (1,042) at page fifty six (56) of volume twenty nine (29) of Vieques, Registry of Property of Fajardo, Puerto Rico.

The Government acquired Property one thousand forty two (1042) by condemnation, as per judgment issued on May twelve (12) nineteen hundred forty two (1942), Civil Case Number two thousand six hundred four (2604) of the United States District Court for the District of Puerto Rico.

As stated in the Registry of Property, said Property is free from liens and encumbrances.

PARCEL OF LAND

RURAL: Parcel of land situated in the Ward of Llave Municipality of Vieques, Puerto Rico, consisting of three hundred sixteen point forty-five (316.45) acres equivalent to three hundred twenty five point eighty three (325.83) cuerdas, equivalent to one hundred and twenty eight (128) hectares, six (6) ares and thirty one (31) centiares, bounds on the North, by lands of the United States of America, acquired from Juan Angel Tió and lands of Tomás Ramírez; on the East, by lands of Manuel Pérez and on the South and West, by lands of the United States of America.

Property number 1047, recorded at page 98 of volume 29 of Vieques, Registry of Property of Fajardo.

The Government acquired Property number 1047 by condemnation, as per judgment issued on February 24, 1943 by the United States District Court for the District of Puerto Rico.

As stated in the Registry of Property, said property is free from liens and encumbrances.

PARCEL OF LAND

RURAL: Parcel of land shown as Parcels number nine (9) so and number fourteen (14) to twenty four (24) inclusive, situated in the Ward of Mosquito, Municipality of Vieques, Puerto Rico, containing an area of eighty three point sixty seven (83.67) acres of land more or less, equivalent to eighty six point fifteen (86.15) cuerdas equivalent to thirty three (33) hectares, eighty six (86) ares and one (1) centiare, bounded on the North by the Atlantic Ocean; on the East, South and West by land of the United States formerly of Juan Angel Tió and described by metes and bounds as follows: Beginning at point number nine dash two (9-2) as shown on Exhibit A, said point being the most Southerly corner of land of the Estate of Epigmenis Quiñones shown as parcel number nine (9) North, zero degrees eight minutes thirty eight seconds ($0^{\circ} 08' 38''$) East, a distance of three thousand four hundred two point thirty nine (3402.39) feet to point nine dash two (9-2), thence North, five degrees thirty one minutes five seconds ($5^{\circ} 31' 05''$) West, a distance of fifty six point eighty (56.80) feet to point number one dash five (1-5) which is in the Southeasterly corner of land of Eladio Pérez Rodríguez shown as Parcel number five (5) thence along the Southerly line of said Parcel number five (5), South seventy seven degrees and twenty one minutes ($77^{\circ} 21'$) West a distance of one hundred seventy seven point sixty three (177.63) feet to point number one dash six (1-6) thence South seventy four degrees forty five minutes seven seconds ($74^{\circ} 45' 07''$) West a distance of ninety eight point eighteen (98.18) feet to point one dash seven (1-7) thence South eighty two degrees fifty six minutes nine seconds ($82^{\circ} 56' 09''$) West a distance of five hundred sixty five point eighty seven (565.87) feet to point number one dash eight (1-8) thence North forty nine degrees sixteen minutes zero eight seconds ($49^{\circ} 16' 08''$) West, a distance of twenty four point eighty nine (24.89) feet to point one dash nine (1-9) which is in the center of Insular Highway number eight (8) at the Southeasterly corner of Parcel number fifteen (15) thence along the Westerly line of Parcel fifteen (15) and fourteen (14) North, four degrees zero seven minutes fifty seven seconds ($4^{\circ} 07' 57''$) West, a distance of one hundred thirty nine point forty six (139.46) feet more or less to point one dash ten (1-10) which is on the ordinary high tide line of the Atlantic

Ocean; thence along said ordinary high tide line in a general Northeasterly direction a distance of two thousand four hundred eighty two point twenty five (2482.25) feet more or less to point twenty four dash six (24-6) which is the Northeasterly corner of land of the Estate of Benito Martinez, shown as parcel twenty four (24); thence along the Easterly line of said parcel, number twenty four (24), South one degree forty minutes twenty six seconds ($1^{\circ} 40' 26''$) East, a distance of five hundred sixty seven point zero two (567.02) feet more or less to point number twenty four dash five (24-5) which is in insular Highway number thirty eight (38) and adjacent to the Southerly line there of thence South two degrees forty two minutes three seconds ($2^{\circ} 42' 03''$) East, a distance of one hundred and fifty five point ninety eight (155.98) feet to point number twenty four dash four (24-4) which is the Southeasterly corner of said parcel number fifteen (15) thence South sixty five degrees fifty four minutes twelve seconds ($65^{\circ} 54' 12''$) West a distance of four hundred ninety eight point twelve (498.12) feet to point number ten dash three (10-3) which is in the Easterly line of land of Felipe Quiñones shown as parcel number ten (10); thence along the Easterly line of said Parcel number ten (10) South zero degrees forty three minutes zero two seconds ($0^{\circ} 43' 02''$) West, a distance of three thousand five hundred ninety five point thirty four (3595.34) feet to point number ten dash two (10-2) which is the Southeasterly corner thereof; thence South eighty two degrees twenty two minutes twenty six seconds ($82^{\circ} 22' 26''$) a distance of four hundred five point sixty three (405.63) feet to point number nine dash four (9-4) which is the Southwesterly corner of said parcel number ten (10); thence South eighty three degrees zero five minutes seventeen seconds ($83^{\circ} 05' 17''$) West a distance of three hundred seventy one point nineteen (371.19) feet to point number nine dash three (9-3) which is the point of beginning."

Property number 1037, recorded at page 22 of volume 29 of Vieques, Registry of Property of Fajardo.

The Government acquired Property number 1037 by condemnation, as per judgment issued on February 17, 1942, Civil Case number two thousand four hundred forty three (2443) of the United States District Court for the District of Puerto Rico.

As stated in the Registry of Property, said Property is free from liens and encumbrances.

PARCEL OF LAND

TRACT B: RURAL PARCEL of land shown as parcel Number eight (8) on exhibit A situated in the ward of Mosquito Municipality of Vieques, containing an area of one point fifty eight (1.58) acres of land, more or less to one point sixty-three (1.63) cuerdas, equivalent to sixty-three (63) areas ninety-four (94) centiares bounded on the NORTH by the Atlantic Ocean; on the EAST, SOUTH and WEST by land of United States formerly owned by Juan Angel Tió and described by metes and bounds as follows, beginning at point A as shown on Exhibit A said point being the Southwesterly corner of the parcel herein described and is in Insular Highway Number Seventy (70) adjacent to the Southerly line of said Highway; thence South eighty-five degrees (85°) twenty-eight minutes (28') fifty-nine seconds (59"), East in a distance of ninety-eight point ninety-nine (98.99) feet to point B, thence SOUTH fifty-eight degrees (58°) twenty-nine minutes (29') fifty-eight seconds (58"), East a distance of ninety-seven point thirty six (97.36) feet to point C, thence North sixteen degrees (16) thirty-three minutes (33') fifty-nine seconds (59"), East a distance of one

hundred seventy four point seventy-eight (174.78) feet more or less to point E which is an the ordinary high tide line of the Atlantic Ocean, thence along said ordinary high tide line North eighty-one degrees (81°) fifteen minutes (15') twenty-nine seconds (29"), West a distance of fifty-six point thirty-two (56.32) feet more or less to point F, thence continuing along said ordinary high tide line; South seventy-five degrees (75°) twenty minutes (20') fifty seconds (50"), West a distance of two hundred seventy three point eighty-eight (273.88) feet more or less to point G; thence South eleven degrees (11°) five minutes (5') twelve seconds (12"), East in distance of two hundred eight point thirteen (208.13) feet more or less to a point which is the point of beginning.

Property number one thousand thirty eight (1038) recorded at page twenty nine (29) of volume twenty nine (29) of Vieques, Registry of Property of Fajardo, Puerto Rico.

The Government acquired Property number one thousand thirty eight (1038) by condemnation, as per judgment issued on February seven (7), nineteen forty two (1942) of the United States District Court for the District of Puerto Rico.

As stated in the Registry of Property, said Property is free from liens and encumbrances.

PARCEL OF LAND

TRACT A: Rural: Parcel of land shown as Parcels Number seven (7), eleven (11), twelve (12), and thirteen (13) on P.W. Drawing Number one hundred thirty seven (137), shown on Exhibit 'A' situated in the Ward of Mosquito, Municipality of Vieques, containing an area of twelve point zero eight (12.08) acres of land more or less, equivalent to twelve point forty four (12.44) cuerdas equivalent to four (4) hectares, eighty eight (88) ares, 86 centiares, bounded on the North, East, South and West by land of the United States, formerly of Juan Angel Tió and described by metes and bounds as follows: Beginning at point number twelve dash nine (12-9) as shown on Exhibit 'A' hereinbefore referred to, said point being the Northeasterly corner of the parcel herein described; thence South seventy five degrees forty one minutes and fifty three seconds (75° 41' 53") West, a distance of two hundred five point fifty two (205.52) feet to point number two dash twenty (2-20); thence South seventy six degrees thirty one minutes and nineteen seconds (76° 31' 19") West, a distance of two hundred forty three point ninety six (243.96) feet to point number two dash twenty one (2-21) which is the Northwesterly corner of the parcel herein described; thence along the Westerly boundary of said parcel the following courses and distances: South twelve degrees twenty seven minutes and twenty two seconds (12° 27' 22") East, a distance of two hundred five (205.52) feet to point number two dash one (2-1); thence North eighty five degrees twenty one minutes twenty seconds (85° 21' 20") East, a distance of twenty nine point fifty two (29.52) feet to point number two dash two (2-2); thence South twenty seven degrees ten minutes and eight seconds (27° 10' 08") East, a distance of seventeen point eighty three (17.83) feet to point number two dash three (2-3); thence South forty five degrees fifteen minutes fifty six seconds (45° 15' 56") West, a distance of twelve point eighty four (12.84) feet to point number two dash four (2-4); thence South nineteen degrees twenty six minutes twenty three seconds (19° 26' 23") West, a distance of one hundred thirty seven point sixty five (137.65) feet to point number two dash five (2-5); thence South fifty eight degrees fifty nine minutes twenty one seconds (58° 59' 21") West, a distance of sixteen point sixty nine (16.69) feet to point number two dash six (2-6); thence South

seven degrees fifty minutes twenty two seconds ($7^{\circ} 50' 22''$) East, a distance of one hundred eighteen point thirty nine (118.39) feet to point number two dash seven (2-7), thence South seventy degrees ten minutes twenty four seconds ($70^{\circ} 10' 24''$) East, a distance of twenty three point eighteen (23.18) feet to point number two dash eight (2-8); thence South twenty nine degrees twenty three minutes twenty two seconds ($29^{\circ} 23' 22''$) East, a distance of two hundred twenty three point ninety one (223.91) feet to point number two dash seven (2-7); thence South fifty eight degrees zero minutes thirteen seconds ($58^{\circ} 0' 13''$) East, a distance of thirteen point sixty one (13.61) feet to point number two dash ten (2-10); thence North sixty two degrees forty seven minutes thirty three seconds ($62^{\circ} 47' 33''$) East, a distance of ten point thirty seven (10.37) feet to point number two dash eleven (2-11); thence South twenty three degrees twenty four minutes fourteen seconds ($23^{\circ} 24' 14''$) East, a distance of two hundred ten point twenty one (210.21) feet to point number two dash twelve (2-12); thence South thirty seven degrees twenty seven minutes fifty eight seconds ($37^{\circ} 27' 58''$) East, a distance of two hundred forty seven point twelve (247.12) feet to point number two dash thirteen (2-13); thence South eighteen degrees eighteen minutes sixteen seconds ($18^{\circ} 18' 16''$) East, a distance of seventy six point forty two (76.42) feet to point number two dash fourteen (2-14); thence South three degrees thirty two minutes twenty five seconds ($3^{\circ} 32' 25''$) East, a distance of one hundred thirty nine point sixty (139.60) feet to point number two dash fifteen (2-15) which is the Southwesterly corner of the parcel herein described; thence South eighty four degrees nineteen minutes eighteen seconds ($84^{\circ} 19' 18''$) East, a distance of one hundred four point thirty (104.30) feet to point number two dash sixteen (2-16); thence South eighty seven degrees seventeen minutes fifty seven seconds ($87^{\circ} 17' 57''$) East, a distance of one hundred three point forty (103.40) feet to point number two dash seventeen (2-17) which is the Southeasterly corner of said parcel; thence South one degree forty three minutes eleven seconds ($1^{\circ} 43' 11''$) West, a distance of one thousand one hundred sixty six point forty (1166.40) feet to point number two dash eighteen (2-18); thence North twenty nine degrees thirty minutes sixteen seconds ($29^{\circ} 30' 16''$) West, a distance of one hundred forty five point forty six (145.46) feet to point number two dash nineteen (2-19) which is the point of beginning.

Parcel Number Seven (7): Rural: Parcel of land shown as parcel number seven (7) on P.W. Drawing number one hundred thirty seven (137) of Fleet Operating Facilities Roosevelt Roads, Puerto Rico, approved December twelve (12) nineteen forty one (1941), situated in the Ward of Mosquito, Municipality of Vieques, containing an area of eleven point thirty five (11.35) acres, equivalent to eleven point sixty nine (11.69) cuerdas, equivalent to four (4) hectares, fifty nine (59) ares, thirty two (32) centiares, bounded on the North, East, South and West by land of the United States formerly owned by Juan Angel Tió.

Parcel Number Eleven (11): Rural: Parcel of land shown as parcel number eleven (11) on P.W. Drawing number one hundred thirty seven (137) of Fleet Operating Facilities Roosevelt Roads, Municipality of Vieques, containing an area of zero point zero eight (0.08) acres, equivalent to three hundred twenty four (324) square meters, bounded on the North, East, South and West by land of the Estate of María Ceferino.

Parcel Number Twelve (12): Rural: Parcel of land shown as parcel number twelve (12) on P.W. Drawing number one hundred thirty seven (137) of Fleet Operating Facilities Roosevelt Roads, Puerto Rico approved on December twelve (12), nineteen forty one (1941), situated in the Ward of

Mosquito, Municipality of Vieques, containing an area of zero point thirteen (0.13) acres, equivalent to five hundred twenty six (526) square meters, bounded on the North, East, South and West by land of the Estate of Maria Ceferino.

Parcel Number Thirteen (13): Rural: Parcel of land shown as parcel number thirteen (13) on P.W. Drawing number one hundred thirty seven (137) of Fleet Operating Facilities Roosevelt Roads, Puerto Rico approved on December twelve (12), nineteen forty one (1941), situated in the Ward of Mosquito, Municipality of Vieques, containing an area of zero point fifty two (0.52) acres, equivalent to two thousand one hundred four (2104) square meters, bounded on the North, East, South and West by land of the Estate of Maria Ceferino.

The above is recorded as property number one thousand thirty nine (1039) recorded at page thirty four (34) of volume twenty nine (29) of Vieques, Registry of Property of Fajardo, Puerto Rico.

The Government acquired Property number one thousand thirty nine (1039) by condemnation, as per judgment issued on February seventeen (17), nineteen forty two (1942), of the United States District Court for the District of Puerto Rico.

As stated in the Registry of Property, said Property is free from liens and encumbrances.

That the remnant of property one thousand twenty one (1021), and properties one thousand thirty seven (1037), one thousand forty seven (1047), one thousand thirty eight (1038), one thousand thirty nine (1039) and one thousand forty two (1042) are adjoining properties and form one physical property. The Government wishes to lot tie (group) said properties and by the present document lot ties (group) them to form one separate and independent property and as such be recorded at the Registry of Property with the following description:

Rural: Parcel of land identified as the LAND JOINDER BOUNDARY situated in the Wards of Punta Arenas, Mosquito, and Llave, Municipality of Vieques, Puerto Rico, containing an area of eight thousand two hundred thirty eight point eight thousand four hundred sixty nine (8,238.8469) cuerdas, equivalent to thirty two million three hundred eighty one thousand nine hundred twenty seven point nine thousand one hundred eight (32,381,927.9108) square meters and equivalent to eight thousand one point twenty eight (8,001.28) acres, more or less, bounded on the North by the Atlantic Ocean, Puerto Rico Ports Authority, Vieques Airport; on the East by lands of the Puerto Rico Land Administration, Wendy Price, Estate of Ambrosio López, Frank Radican, Estate of Juana López Robles, Estate of Rosa Brignoni, Lucrecia Perez Brignoni, Victoria Perez Brignoni, Manuel Pérez, Rosa Pérez Brignoni, Guillermo Carrión, Felipe Quiñones, Norberto Monel, Esteban Díaz; on the South by the Caribbean Sea; and on the West by the Atlantic Ocean.

Only for purposes of its recording at the Registry of Property, the lot tied (grouped) property is assigned a value of one dollar (\$1.00).

The Government requests the Registry of Property to record the lot tied (grouped) property on its books.

That the Government requested Surveyor Luis Salvador Berrios Montes, also known as Luis S. Berrios Montes ("the Surveyor"), with license number 8689, to measure said lot tied (grouped) property to precisely determine its present real area and boundaries.

That the Government delivers to the Notary Public a document prepared by the Surveyor, titled Certificate of Rectification of Area ("Certificación de Rectificación de Area"), which reads as follows:

**CERTIFICATE OF RECTIFICATION OF AREA
(CERTIFICACION DE RECTIFICACION DE AREA)**

I, Luis Salvador Berrios Montes, also known as Luis S. Berrios Montes, of legal age, married, surveyor with license number 8689 and resident of Vega Baja, Puerto Rico, with social security number 583-30-6736, under oath DECLARE:

1. That my name and personal circumstances are as hereinbefore stated.
2. That on April 6, 2000, the United States of America by and through the Department of the Navy requested me to survey a property that results from the lot tie (grouping) of the remnant of property number one thousand twenty one (1021), recorded at page one hundred eighty one (181) overleaf of volume twenty eight (28) of Vieques, Registry of Property of Fajardo, Puerto Rico, property number one thousand forty two (1042), recorded at page fifty six (56) of volume twenty nine (29) of Vieques, Registry of Property of Fajardo, Puerto Rico, property number one thousand thirty seven (1037), recorded at page twenty two (22) of volume twenty nine (29) of Vieques, Registry of Property of Fajardo, Property number one thousand forty seven (1047), recorded at page ninety eight (98) of volume twenty nine (29) of Vieques, Registry of Property of Fajardo, Property number one thousand thirty eight (1038) recorded at page twenty nine (29) of volume twenty nine (29) of Vieques, Registry of Property of Fajardo, Puerto Rico and Property number one thousand thirty nine (1039) recorded at page thirty four (34) of volume twenty nine (29) of Vieques, Registry of Property of Fajardo, Puerto Rico, which has the following description:

Rural: Parcel of land identified as the LAND JOINDER BOUNDARY situated in the Wards of Punta Arenas, Mosquito, and Llave, Municipality of Vieques, Puerto Rico, containing an area of eight thousand two hundred thirty eight point eight thousand four hundred sixty nine (8,238.8469) cuerdas, equivalent to thirty two million three hundred eighty one thousand nine hundred twenty seven point nine thousand one hundred eight (32,381,927.9108) square meters and equivalent to eight thousand one point twenty eight (8,001.28) acres, more or less, bounded on the North by the Atlantic Ocean, Puerto Rico Ports Authority, Vieques Airport; on the East by lands of the Puerto Rico Land Administration, Wendy Price, Estate of Ambrosio López, Frank Radican, Estate of Juana López Robles, Estate of Rosa Brignoni, Lucrecia Perez Brignoni, Victoria Perez Brignoni, Manuel Pérez, Rosa

Pérez Brignoni, Guillermo Carrión, Felipe Quiñones, Norberto Monel, Esteban Díaz; on the South by the Caribbean Sea; and on the West by the Atlantic Ocean.

3. That to measure said lot tie (grouped) property, all its adjoining neighbors were notified.
4. That as a result of the survey, the description of said lot tie (grouped) property is as follows:

Rural: Parcel of land situated in the Wards of Punta Arenas, Mosquito, and Llave, Municipality of Vieques, Puerto Rico, containing an area of eight thousand two hundred six point eight hundred ninety two (8,206.892) acres, equivalent to eight thousand four hundred fifty point zero ninety nine (8,450.099) cuerdas, equivalent to thirty three million two hundred twelve thousand two hundred thirty six point four (33,212,236.4) square meters, more or less, bounded on the North by the Atlantic Ocean, Puerto Rico Ports Authority, Vieques Airport; on the East by lands of the Puerto Rico Land Administration, Wendy Price, Estate of Ambrosio López, Frank Radican, Estate of Juana López Robles, Estate of Rosa Brignoni, Lucrecia Perez Brignoni, Victoria Perez Brignoni, Manuel Pérez, Rosa Pérez Brignoni, Guillermo Carrión, Felipe Quiñones, Norberto Monel, Esteban Díaz; on the South by the Caribbean Sea; and on the West by the Atlantic Ocean.

5. That the area and description of the surveyed property is shown in the survey, prepared by me on November 12, 2000.
6. That the difference in area of the property as shown could be attributed to less precise methods of surveying and calculations as used in the past.

IN WITNESS WHEREOF and as requested by the interested party I issue this Certificate in San Juan, Puerto Rico, on the 27th day of April of the year 2001.

SIGNED: Luis Salvador Berrios Montes

Shows the Surveyor's seal.

AFFIDAVIT NUMBER: 33,102

Sworn and subscribed by Luis Salvador Berrios Montes, also known as Luis S. Berrios Montes of the aforementioned personal circumstances, personally known to me, at San Juan, Puerto Rico, this 27th day of April, 2001.

Signed: Raúl J. Vilá Sellés
NOTARY PUBLIC

Shows the Notary Public's Seal.

That the actual physical and correct area of said property is as follows:

Rural: Parcel of land situated in the Wards of Punta Arenas, Mosquito, and Llave, Municipality of Vieques, Puerto Rico, containing an area of eight thousand two hundred six point eight hundred ninety two (8,206.892) acres equivalent to eight thousand four hundred fifty point zero ninety nine (8,450.099) cuerdas equivalent to thirty three million two hundred twelve thousand two hundred thirty six point four (33,212,236.4) square meters, more or less, bounded on the North by the Atlantic Ocean, Puerto Rico Ports Authority, Vieques Airport; on the East by lands of the Puerto Rico Land Administration, Wendy Price, Estate of Ambrosio López, Frank Radican, Estate of Juana López Robles, Estate of Rosa Brignoni, Lucrecia Perez Brignoni, Victoria Perez Brignoni, Manuel Pérez, Rosa Pérez Brignoni, Guillermo Carrión, Felipe Quiñones, Norberto Monel, Esteban Díaz; on the South by the Caribbean Sea; and on the West by the Atlantic Ocean.

The Government wishes to segregate and herein proceeds to segregate from the lot tied (grouped) Property the following parcel of land hereinafter the "PRCT Parcel":

PRCT PARCEL

Rural: Parcel of land, made of two portions identified as Parcel A and Parcel B, located in the Wards of Punta Arenas, Mosquito, and Llave, Municipality of Vieques, Puerto Rico, containing a total of 34,847,987 square feet or 800 acres, which equates to 3,237,496.1 square meters or 823.707 cuerdas which is described as follows:

Parcel A: A parcel of land located in the Wards of Punta Arenas, Mosquito, and Llave, Municipality of Vieques, Puerto Rico, containing 29,627,762 square feet or 680.160 acres, which equates to 2,752,519.5 square meters or 700.316 cuerdas, bounded on the North, East, and South by lands presently owned by the United States of America and to be conveyed to the Municipality of Vieques pursuant to Public Law 106-398 of October 30, 2000, and on the West by lands of the United States Government, which parcel is more particularly described by metes and bounds as follows:

Beginning at National Geodetic Survey Monument 'FRIO' (PID 9848) in the Punta Arenas Ward, said point being a brass disk stamped PUERTO RICO GPS CONTROL C.R.I.M. FRIO and having a northing of 754,659.1026 and an easting of 953,331.2647 noted as the Point of Beginning on the plat labeled PUERTO RICO CONSERVATION TRUST BOUNDARY.

Thence N67°41'14"E 9540.20' to an iron rod and cap set, the True Point of Beginning, having a northing of 758,281.1736 and an easting of 962,157.1387; thence S89°23'48"E 1937.66' to an iron rod and cap set; thence S47°54'59"E 155.13' to an iron rod and cap set; thence N59°49'59"E 309.71' to an iron rod and cap set; thence N82°16'17"E 100.88' to an iron rod and cap set; thence S80°03'15"E 122.74' to an iron rod and cap set; thence S72°56'47"E 444.17' to an iron rod and cap set; thence S64°31'50"E 52.47' to a concrete monument set, having a northing of 758,151.9788 and an easting of 965,170.4559; thence S51°14'51"E 24.49' to an iron rod and cap set; thence

S45°15'43"E 68.57' to an iron rod and cap set; thence S32°19'30"E 144.98' to an iron rod and cap set; thence S11°57'25"E 232.68' to an iron rod and cap set; thence S24°47'42"E 84.41' to an iron rod and cap set; thence S80°25'10"E 149.88' to an iron rod and cap set; thence S70°52'54"E 259.11' to an iron rod and cap set; thence S55°47'16"E 175.57' to an iron rod and cap set; thence S44°53'25"E 171.79' to an iron rod and cap set; thence S48°01'27"E 98.26' to an iron rod and cap set; thence S57°02'17"E 94.45' to an iron rod and cap set; thence S54°07'53"E 135.63' to an iron rod and cap set; thence S47°58'01"E 116.16' to an iron rod and cap set; thence S41°46'28"E 620.72' to an iron rod and cap set; thence S43°07'53"E 310.65' to an iron rod and cap set; thence S51°17'48"E 81.64' to an iron rod and cap set; thence S74°09'53"E 57.50' to an iron rod and cap set; thence N86°17'50"E 70.06' to an iron rod and cap set; thence N42°20'19"E 57.33' to a concrete monument set, having a northing of 756,347.5581 and an easting of 967,260.3822; thence N02°54'10"E 54.17' to an iron rod and cap set; thence N28°27'42"W 195.95' to an iron rod and cap set; thence N16°10'20"W 80.21' to an iron rod and cap set; thence N02°55'52"E 92.03' to an iron rod and cap set; thence N47°24'22"E 86.83' to an iron rod and cap set; thence N83°39'15"E 125.38' to an iron rod and cap set; thence N44°46'30"E 114.02' to an iron rod and cap set; thence N67°38'14"E 67.36' to an iron rod and cap set; thence S79°06'27"E 156.13' to an iron rod and cap set; thence S70°58'50"E 94.64' to an iron rod and cap set; thence S65°36'50"E 282.27' to an iron rod and cap set; thence S71°48'51"E 266.62' to an iron rod and cap set; thence S72°09'11"E 116.58' to an iron rod and cap set; thence S47°11'47"E 65.99' to an iron rod and cap set; thence S41°29'22"E 127.90' to an iron rod and cap set; thence N89°38'39"E 403.83' to an iron rod and cap set; thence N88°56'01"E 456.85' to an iron rod and cap set; thence S77°37'21"E 110.34' to an iron rod and cap set; thence S51°52'35"E 104.50' to an iron rod and cap set; thence S33°58'28"E 147.86' to an iron rod and cap set; thence S50°37'39"E 118.41' to an iron rod and cap set; thence S74°43'15"E 114.76' to an iron rod and cap set; thence S79°22'32"E 409.84' to an iron rod and cap set; thence S85°21'16"E 82.11' to an iron rod and cap set; thence N82°36'22"E 131.62' to an iron rod and cap set; thence N70°09'11"E 332.17' to an iron rod and cap set; thence N79°02'08"E 77.47' to an iron rod and cap set; thence S70°54'44"E 66.10' to an iron rod and cap set; thence S35°00'49"E 97.40' to an iron rod and cap set; thence S74°27'44"E 130.01' to a concrete monument set, having a northing of 756,106.4799 and an easting of 971,063.2438; thence S68°33'47"E 165.20' to an iron rod and cap set; thence S34°09'10"E 70.63' to an iron rod and cap set; thence S06°21'13"E 130.33' to an iron rod and cap set; thence S41°18'04"E 130.50' to an iron rod and cap set; thence S16°08'53"E 88.04' to an iron rod and cap set; thence S29°09'19"W 145.93' to an iron rod and cap set; thence S12°21'39"W 94.25' to an iron rod and cap set; thence S54°42'20"E 96.83' to an iron rod and cap set; thence S78°59'41"E 134.23' to an iron rod and cap set; thence N82°35'02"E 143.19' to an iron rod and cap set; thence N61°56'17"E 199.60' to an iron rod and cap set; thence N75°39'59"E 64.40' to an iron rod and cap set; thence S45°43'01"E 73.82' to an iron rod and cap set; thence S05°21'57"W 69.41' to an iron rod and cap set; thence S19°33'32"W 160.52' to an iron rod and cap set; thence S38°17'34"E 115.28' to an iron rod and cap set; thence S30°42'17"E 76.56' to an iron rod and cap set; thence S12°36'09"W 65.63' to a concrete monument set, having a northing of 755,010.5019 and an easting of 971,970.5712; thence S33°28'19"W 150.44' to an iron rod and cap set; thence S53°41'09"W 71.19' to an iron rod and cap set; thence S88°29'36"W 71.66' to an iron rod and cap set; thence N67°06'17"W 90.43' to an iron rod and cap set; thence N82°03'52"W 65.54' to an iron rod and cap set; thence S63°11'31"W 55.13' to an iron rod and cap set; thence S25°40'52"W 158.58' to an iron rod and cap set; thence S53°41'01"W 64.67' to an iron rod and cap set; thence S81°27'44"W 341.84' to an iron rod and cap set; thence S58°18'35"W 63.96' to an iron

rod and cap set; thence S30°20'11"W 85.14' to an iron rod and cap set; thence S10°13'08"W 278.46' to an iron rod and cap set; thence S31°47'48"W 57.69' to an iron rod and cap set; thence S65°22'10"W 52.43' to a concrete monument set, having a northing of 754,176.3623 and an easting of 970,877.4243; thence N74°45'05"W 80.32' to an iron rod and cap set; thence N36°15'09"W 75.38' to an iron rod and cap set; thence N31°17'37"W 239.71' to an iron rod and cap set; thence N34°31'44"W 184.49' to an iron rod and cap set; thence N37°49'54"W 453.66' to an iron rod and cap set; thence N36°16'36"W 139.76' to an iron rod and cap set; thence N50°12'14"W 84.32' to an iron rod and cap set; thence N69°32'59"W 73.26' to an iron rod and cap set; thence S81°59'42"W 86.21' to a concrete monument set, having a northing of 755,153.6452 and an easting of 969,946.5314; thence S61°00'35"W 150.80' to an iron rod and cap set; thence S78°57'06"W 74.36' to an iron rod and cap set; thence S88°19'05"W 199.33' to an iron rod and cap set; thence S83°14'03"W 130.28' to an iron rod and cap set; thence S67°17'52"W 132.42' to an iron rod and cap set; thence S57°04'25"W 124.99' to an iron rod and cap set; thence S65°58'24"W 103.55' to an iron rod and cap set; thence N76°07'50"W 79.36' to an iron rod and cap set; thence S85°31'17"W 106.19' to an iron rod and cap set; thence S72°48'17"W 982.86' to an iron rod and cap set; thence S69°58'11"W 746.64' to an iron rod and cap set; thence S72°07'19"W 139.53' to an iron rod and cap set; thence S79°27'19"W 345.89' to an iron rod and cap set; thence N85°22'34"W 74.06' to a concrete monument set, having a northing of 754,248.1640 and an easting of 966,721.3901; thence S54°26'31"W 237.07' to an iron rod and cap set; thence S34°20'09"W 179.27' to an iron rod and cap set; thence S32°28'23"W 134.63' to an iron rod and cap set; thence S23°26'56"W 65.68' to an iron rod and cap set; thence S11°45'01"W 59.49' to an iron rod and cap set; thence S05°26'56"E 108.69' to an iron rod and cap set; thence S06°27'23"E 321.05' to an iron rod and cap set; thence S22°07'47"W 181.83' to an iron rod and cap set; thence S05°27'35"W 149.19' to an iron rod and cap set; thence S08°47'40"W 191.49' to an iron rod and cap set; thence S21°00'20"W 186.71' to an iron rod and cap set; thence S16°44'43"W 185.88' to an iron rod and cap set; thence S06°51'14"W 136.00' to an iron rod and cap set; thence S21°14'01"E 122.25' to an iron rod and cap set; thence S08°36'39"E 136.56' to an iron rod and cap set; thence S49°12'04"E 293.06' to an iron rod and cap set; thence S33°19'05"E 430.20' to an iron rod and cap set; thence S03°37'02"E 86.48' to a concrete monument set, having a northing of 751,423.1838 and an easting of 966,642.9445; thence S64°45'40"W 101.82' to an iron rod and cap set; thence S89°19'20"W 66.62' to an iron rod and cap set; thence N77°37'21"W 60.35' to an iron rod and cap set; thence N67°26'35"W 137.82' to an iron rod and cap set; thence N56°50'50"W 150.91' to an iron rod and cap set; thence N58°43'39"W 244.47' to an iron rod and cap set; thence N59°08'17"W 299.97' to an iron rod and cap set; thence N52°04'37"W 128.50' to an iron rod and cap set; thence N52°12'08"W 180.06' to an iron rod and cap set; thence N74°03'17"W 181.46' to an iron rod and cap set; thence N64°04'05"W 152.35' to an iron rod and cap set; thence N44°51'15"W 106.78' to an iron rod and cap set; thence N49°21'53"W 209.70' to an iron rod and cap set; thence N59°50'36"W 60.64' to an iron rod and cap set; thence N63°34'34"W 100.65' to an iron rod and cap set; thence N50°46'52"W 128.40' to an iron rod and cap set; thence S85°59'08"W 69.55' to an iron rod and cap set; thence N79°28'21"W 95.26' to an iron rod and cap set; thence N65°19'39"W 89.55' to an iron rod and cap set; thence N27°41'40"W 417.42' to an iron rod and cap set; thence N22°16'59"W 111.86' to an iron rod and cap set; thence N23°51'34"W 253.24' to an iron rod and cap set; thence N32°51'24"W 325.01' to an iron rod and cap set; thence N31°17'54"W 177.07' to an iron rod and cap set; thence N34°03'33"W 318.40' to an iron rod and cap set; thence N31°43'49"W 283.55' to an iron rod and cap set; thence N40°51'37"W 319.25' to an iron rod and cap set; thence N54°14'02"W 270.56' to an iron rod and cap set; thence

N59°23'30"W 200.67' to an iron rod and cap set; thence N55°15'19"W 138.79' to an iron rod and cap set; thence N58°06'12"W 157.93' to an iron rod and cap set; thence N56°13'57"W 183.47' to an iron rod and cap set; thence N64°38'51"W 110.58' to an iron rod and cap set; thence N67°45'16"W 187.16' to an iron rod and cap set; thence N70°55'49"W 99.24' to an iron rod and cap set; thence N79°47'59"W 179.26' to an iron rod and cap set; thence N68°03'49"W 151.31' to an iron rod and cap set; thence N77°00'08"W 182.56' to an iron rod and cap set; thence following a curve to an iron rod and cap set with a long chord 166.66', chord bearing of N07°16'40"E, Radius=325.00', Arc Len=168.54'; thence following a curve to an iron rod and cap set with a long chord 200.96', chord bearing of N26°23'46"E, Radius=1352.00', Arc Len=201.15'; thence N30°39'30"E 157.24' to an iron rod and cap set; thence following a curve to an iron rod and cap set with a long chord 18.39', chord bearing of N31°39'44"E, Radius=525.00', Arc Len=18.39'; thence N32°39'58"E 221.74' to an iron rod and cap set; thence S52°38'33"E 50.17' to a concrete monument set, having a northing of 755,865.1991 and an easting of 961,991.0745; thence N32°39'58"E 130.66' to an iron rod and cap set; thence following a curve to an iron rod and cap set with a long chord 17.40', chord bearing of N31°42'58"E, Radius=525.00', Arc Len=17.41'; thence N30°45'59"E 432.29' to an iron rod and cap set; thence following a curve to an iron rod and cap set with a long chord 11.32', chord bearing of N31°26'57"E, Radius=475.00', Arc Len=11.32'; thence N32°07'54"E 406.25' to an iron rod and cap set; thence following a curve to an iron rod and cap set with a long chord 214.73', chord bearing of N27°48'38"E, Radius=1425.00', Arc Len=214.94'; thence following a curve to an iron rod and cap set with a long chord 279.26', chord bearing of N00°19'41"E, Radius=355.00', Arc Len=287.01'; thence N22°50'00"W 800.52' to a concrete monument set, having a northing of 757,922.1025 and an easting of 962,304.9974; thence continuing N22°50'00"W 371.07' to an iron rod and cap set; thence following a curve to an iron rod and cap set, the True Point of Beginning, with a long chord 17.51', chord bearing of N12°44'57"W, Radius=50.00' Arc Len=17.60'.

Parcel B: A parcel of land located in the Ward of Llave, Municipality of Vieques, Puerto Rico, containing 5,220,225 square feet or 119.840 acres, which equates to 484,976.6 square meters or 123.391 cuerdas to the approximate edge of the water, bounded on the North by lands belonging to the United States of America to be conveyed to the Municipality of Vieques pursuant to Public Law 106-398 of October 30, 2000, on the East and West by lands of the United States Government, and on the South by the Caribbean Sea, more particularly described by metes and bounds as follows:

Beginning at a concrete monument in the Llave Ward, said concrete monument being stamped 'V1' and having a northing of 753,134.1705 and an easting of 975,319.7511 noted as the Point of Beginning '2' on the plat labeled D.O.I./P.R.C.T. BOUNDARY & 50' I/E EASEMENT. Thence S67° 33'56"W 4772.98' to an iron rod and cap set, the True Point of Beginning 'B', having a northing of 751,312.6675 and an easting of 970,908.0050:

Thence S88°30'56"E 619.49' to a concrete monument set, having a northing of 751,296.6207 and an easting of 971,527.2890; thence N84°16'44"E 22.91' to an iron rod and cap set; thence S05° 59'09"W 69.89' to an iron rod and cap set; thence S05°59'28"E 101.90' to an iron rod and cap set; thence S18°13'21"E 83.61' to an iron rod and cap set; thence S12°36'26"E 111.28' to an iron rod and cap set; thence S12°14'27"E 231.09' to an iron rod and cap set; thence S21°04'55"E 199.90' to an iron rod and cap set; thence S34°30'45"E 86.99' to an iron rod and cap set; thence S48°00'59"E

106.18' to an iron rod and cap set; thence S55°31'15"E 124.24' to an iron rod and cap set; thence S48°11'28"E 154.45' to an iron rod and cap set; thence S65°28'57"E 117.38' to an iron rod and cap set; thence S47°38'47"E 180.25' to an iron rod and cap set; thence S39°22'29"E 62.73' to an iron rod and cap set; thence S36°19'05"E 402.83' to an iron rod and cap set; thence S25°51'07"E 74.75' to an iron rod and cap set; thence S10°11'30"E 92.27' to an iron rod and cap set; thence S00°13'36"E 61.76' to an iron rod and cap set; thence S02°39'23"W 245.30' to an iron rod and cap set; thence S03°58'48"E 93.43' to an iron rod and cap set; thence S05°33'56"E 224.30' to an iron rod and cap set; thence S24°50'22"E 53.12' to an iron rod and cap set; thence due South 788.93' to an iron rod and cap set; thence continuing due South 100.00' to an iron rod and cap set on the approximate edge of water of the Caribbean Sea; thence S55°51'29"W 878.25' on a tie line along the approximate edge of water of said Caribbean Sea to an iron rod and cap set; thence departing the approximate edge of water of said Caribbean Sea N43°10'27"W 120.00' to an iron rod and cap set; thence continuing N43°10'27"W 1880.01' to an iron rod and cap set; thence N07°44'48"E 2419.10' to an iron rod and cap set, the True Point of Beginning 'B'.

For purposes of its recording at the Registry of Property, this parcel of land is valued at one dollar (\$1.00).

After the segregation of the PRCT Parcel, which includes the portions identified as Parcels A and B, the description of the remnant of the lot tied (grouped) parcel hereinafter "Remnant" is described as follows:

Rural: Parcel of land situated in the Wards of Mosquito, Florida and Llave, Municipality of Vieques, Puerto Rico, containing an area of seven thousand six hundred twenty six point three hundred ninety two (7,626.392) cuerdas, equivalent to twenty nine million nine hundred seventy four thousand seven

hundred forty point three (29,974,740.3) square meters, equivalent to seven thousand four hundred six point eight hundred ninety two (7,406.892) acres; bounded on the North with the Atlantic Ocean and the Puerto Rico Ports Authority, Vieques Airport; on the South by the Caribbean Sea and the Puerto Rico Conservation Trust Fund's Parcel; on the East by lands of the Puerto Rico Land Administration, Wendy Price, Estate of Ambrosio López, Frank Radican, Estate of Juana López Robles, Estate of Rosa Brignoni, Lucrecia Perez Brignoni, Victoria Perez Brignoni, Manuel Pérez, Rosa Pérez Brignoni, Guillermo Carrión, Felipe Quiñones, Norberto Monel, Esteban Díaz; and on the West by the Atlantic Ocean.

SECOND: The PRCT Parcel is subject to all recorded and all existing and visible unrecorded reservations, easements, and rights-of-way for public roads, pipelines, drainage ditches, and public utilities presently existing and;

THIRD: Pursuant to Section 1508 (b) of Public Law 106-398, the Secretary of the Navy hereby conveys the PRCT Parcel to Grantee on the terms and conditions hereinafter stated and such conveyance is not incompatible with the public interest;

FOURTH: That the Grantee herein accepts the conveyance of all of the Government's property interests title and rights on the PRCT Parcel; and

FIFTH: The conveyance is authorized pursuant to the authority of Public Law 106-398.

WHEREFORE, the Government and the Grantee further covenant and agree as follows:

I. Conveyance.

A. The Government hereby remises, releases, and quitclaims, and by these presents does remise, release, and quitclaim unto the Grantee, its successors and assigns, forever, all right, title, and interest which the Government has in the PRCT Parcel subject to the conditions and easements set forth in Sections II A (1) (2) (3) (4), B (1) (2), C (1), and further subject to the restrictive covenants set forth in Section III and to the retained interests set forth in Section IV; further subject to all recorded and unrecorded reservations, easements, and rights-of-way for public roads, pipelines, drainage ditches, and public utilities presently existing and visible.

II. Easements

A. In addition to the PRCT Parcel, the Government also hereby grants to the Grantee the following easements:

1. A perpetual easement for ingress and egress on and over the Remnant in favor of the PRCT Parcel to provide access to Parcel A of the PRCT Parcel more fully described as follows:

Beginning at a survey control point in the Punta Arenas ward, said point being a brass disk stamped Defense Mapping Agency 'PIRATA' and located in the center of the helicopter landing pad at the top of Mt. Pirata. Said point having a northing of 751,423.8496 and an easting of 962,515.1200. Thence N06°43'46"W 4472.16' to a concrete monument, the True Point of Beginning, having a northing of 755,865.1991 and an easting of 961,991.0745:

Thence N52°38'33"W 50.17' to a point;

Thence N32°39'58"E 126.55' to a point;

Thence following a curve to a point with a long chord of 15.75', chord bearing of N31°42'58"E

Radius=475.00'

Arc Len=15.75'

Thence N30°45'59"E 432.29' to a point;

Thence following a curve to a point with a long chord of 12.51', chord bearing of N31°26'57"E

Radius=525.00'

Arc Len=12.51'

Thence N32°07'54"E 406.25' to a point;

Thence following a curve to a point with a long chord of 207.20', chord bearing of N27°48'38"E

Radius=1375.00'

Arc Len=207.39'

Thence following a curve to a point with a long chord of 239.93', chord bearing of N00°19'41"E

Radius=305.00'

Arc Len=246.59'

Thence N22°50'00"W 1171.59' to a point;

Thence following a curve to a point with a long chord of 127.43', chord bearing of N16°44'47"E

Radius=100.00'

Arc Len=138.16'

Thence N56°19'33"E 170.60' to a point;

Thence following a curve to a point with a long chord of 6.32', chord bearing of N55°56'41"E

Radius=475.00'

Arc Len=6.32'

Thence N55°33'49"E 216.10' to a point;

Thence following a curve to a point with a long chord of 323.13', chord bearing of N48°23'48"E

Radius=1295.00'

Arc Len=323.98'

Thence N41°13'46"E 132.07' to a point;

Thence following a curve to a point with a long chord of 165.68', chord bearing of N21°12'44"E

Radius=242.00'

Arc Len=169.09'

Thence N01°11'41"E 393.57' to a point;

Thence following a curve to a point with a long chord of 135.70', chord bearing of N41°40'35"E

Radius=104.51'

Arc Len=147.69'

Thence following a curve to a point with a long chord of 310.82', chord bearing of N71°05'47"E

Radius=810.00'

Arc Len=312.76'

Thence N60°02'05"E 347.51' to a point;

Thence following a curve to a point with a long chord of 219.30', chord bearing of N64°05'28"E

Radius=1550.00'

Arc Len=219.48'

Thence N68°08'52"E 1975.67' to a point;

Thence following a curve to a point with a long chord of 31.10', chord bearing of N69°01'01"E

Radius=1025.00'

Arc Len=31.10'

Thence N69°53'11"E 454.51' to a point;

Thence following a curve to a point with a long chord of 6.53', chord bearing of N70°04'08"E

Radius=1025.00'

Arc Len=6.53'

Thence N70°15'06"E 508.01' to a point;

Thence following a curve to a point with a long chord of 435.57', chord bearing of
N75°11'58"E

Radius=2525.00'

Arc Len=436.11'

Thence N80°08'51"E 1301.38' to a point;

Thence following a curve to a point with a long chord of 253.83', chord bearing of
N67°45'55"E

Radius=591.88'

Arc Len=255.82'

Thence N55°22'59"E 279.97' to a point;

Thence following a curve to a point with a long chord of 14.53', chord bearing of
N54°30'24"E

Radius=475.00'

Arc Len=14.53'

Thence N53°37'49"E 546.74' to a point;

Thence following a curve to a point with a long chord of 11.52', chord bearing of
N52°56'08"E

Radius=475.00'

Arc Len=11.52'

Thence N52°14'28"E 643.36' to a point;

Thence following a curve to a point with a long chord of 6.63', chord bearing of
N52°36'11"E

Radius=525.00'

Arc Len=6.63'

Thence N52°57'54"E 456.90' to a point;

Thence following a curve to a point with a long chord of 8.54', chord bearing of
N52°26'59"E

Radius=475.00'

Arc Len=8.55'

Thence N51°56'03"E 507.01' to a point;

Thence following a curve to a point with a long chord of 370.52', chord bearing of
N59°40'39"E

Radius=1375.00'

Arc Len=371.65'

Thence N67°25'14"E 871.26' to a point;

Thence following a curve to a point with a long chord of 310.16', chord bearing of
N71°48'46"E

Radius=2025.00'

Arc Len=310.47'

Thence N76°12'18"E 56.43' to a point;

Thence following a curve to a point with a long chord of 227.99', chord bearing of
N88°44'45"E

Radius=525.00'

Arc Len=229.82'

Thence S78°42'48"E 478.89' to a point;

Thence following a curve to a point with a long chord of 478.06', chord bearing of N82°42'07"E

Radius=750.00'

Arc Len=486.55'

Thence N64°07'02"E 561.98' to a point;

Thence following a curve to a point with a long chord of 422.55', chord bearing of N70°06'21"E

Radius=2025.00'

Arc Len=423.31'

Thence N76°05'40"E 585.73' to a point;

Thence following a curve to a point with a long chord of 626.02', chord bearing of N70°46'23"E

Radius=3375.00'

Arc Len=626.91'

Thence N65°27'06"E 761.14' to a point;

Thence following a curve to a point with a long chord of 398.69', chord bearing of N68°09'21"E

Radius=4225.00'

Arc Len=398.83'

Thence N70°51'37"E 352.98' to a point;

Thence following a curve to a point with a long chord of 244.61', chord bearing of N64°53'08"E

Radius=1175.00'

Arc Len=245.05'

Thence N58°54'39"E 391.22' to a point;

Thence following a curve to a point with a long chord of 7.64', chord bearing of N59°19'40"E

Radius=525.00'

Arc Len=7.64'

Thence N59°44'41"E 447.88' to a point;

Thence S13°39'11"E 52.17' to a point;

Thence S59°44'41"W 432.97' to a point;

Thence following a curve to a point with a long chord of 6.91', chord bearing of S59°19'40"W

Radius=475.00'

Arc Len=6.91'

Thence S58°54'39"W 391.22' to a point;

Thence following a curve to a point with a long chord of 20.41', chord bearing of S59°23'18"W

Radius=1225.00'

Arc Len=20.41'

Thence following a curve to a point with a long chord of 156.87', chord bearing of S57°35'31"E

Radius=225.00' Arc Len=160.23'

Thence S37°11'26"E 113.54' to a point;

Thence following a curve to a point with a long chord of 119.95', chord bearing of S30°37'51"E

Radius=525.00'

Arc Len=120.21'

Thence following a curve to a point with a long chord of 229.03', chord bearing of S64°56'32"E

Radius=175.00'

Arc Len=249.67'

Thence N74°11'12"E 343.05' to a point;

Thence following a curve to a point with a long chord of 142.58', chord bearing of S60°20'30"E

Radius=100.00'

Arc Len=158.73'

Thence following a curve to a point with a long chord of 60.97', chord bearing of S52°26'06"E

Radius=50.00'

Arc Len=65.56'

Thence Due East N90°00'00"E 411.09' to a point;

Thence following a curve to a point with a long chord of 97.70', chord bearing of N49°21'27"E

Radius=75.00' Arc Len=106.40'

Thence N08°42'54" 127.15' to a point;

Thence following a curve to a point with a long chord of 123.29', chord bearing of N38°15'52"E

Radius=125.00'

Arc Len=128.93' Thence N67°48'51"E 411.37' to a point;

Thence following a curve to a point with a long chord of 56.51', chord bearing of N70°53'56"E

Radius=525.00' Arc Len=56.53'

Thence N73°59'02"E 96.68' to a point;

Thence following a curve to a point with a long chord of 651.65', chord bearing of N76°22'40"E

Radius=7800.00' Arc Len=651.84'

Thence N78°46'19"E 394.04' to a point;

Thence following a curve to a point with a long chord of 52.26', chord bearing of N80°13'58"E

Radius=1025.00' Arc Len=52.27'

Thence N81°41'37"E 369.76' to a point;

Thence following a curve to a point with a long chord of 634.34', chord bearing of N85°49'39"E

Radius=4400.00' Arc Len=634.89'

Thence following a curve to a point with a long chord of 316.07', chord bearing of N79°33'21"E

Arc Len=229.82'
 Thence S78°42'48"E 478.89' to a point;
 Thence following a curve to a point with a long chord of 478.06', chord bearing of
 N82°42'07"E
 Radius=750.00'
 Arc Len=486.55'
 Thence N64°07'02"E 561.98' to a point;
 Thence following a curve to a point with a long chord of 422.55', chord bearing of
 N70°06'21"E
 Radius=2025.00'
 Arc Len=423.31'
 Thence N76°05'40"E 585.73' to a point;
 Thence following a curve to a point with a long chord of 626.02', chord bearing of
 N70°46'23"E
 Radius=3375.00'
 Arc Len=626.91'
 Thence N65°27'06"E 761.14' to a point;
 Thence following a curve to a point with a long chord of 398.69', chord bearing of
 N68°09'21"E
 Radius=4225.00'
 Arc Len=398.83'
 Thence N70°51'37"E 352.98' to a point;
 Thence following a curve to a point with a long chord of 244.61', chord bearing of
 N64°53'08"E
 Radius=1175.00'
 Arc Len=245.05'
 Thence N58°54'39"E 391.22' to a point;
 Thence following a curve to a point with a long chord of 7.64', chord bearing of
 N59°19'40"E
 Radius=525.00'
 Arc Len=7.64'
 Thence N59°44'41"E 447.88' to a point;
 Thence S13°39'11"E 52.17' to a point;
 Thence S59°44'41"W 432.97' to a point;
 Thence following a curve to a point with a long chord of 6.91', chord bearing of
 S59°19'40"W
 Radius=475.00'
 Arc Len=6.91'
 Thence S58°54'39"W 391.22' to a point;
 Thence following a curve to a point with a long chord of 20.41', chord bearing of
 S59°23'18"W
 Radius=1225.00'
 Arc Len=20.41'
 Thence following a curve to a point with a long chord of 156.87', chord bearing of
 S57°35'31"E

Radius=875.00'

Arc Len=317.81' Thence N69°09'01"E 343.56' to a point;

Thence following a curve to a point with a long chord of 274.27', chord bearing of N85°55'52"E

Radius=475.00' Arc Len=278.24'

Thence S77°17'17"E 47.62' to a point;

Thence following a curve to a point with a long chord of 275.72', chord bearing of S62°03'52"E

Radius=525.00'

Arc Len=278.99' Thence following a curve to a point with a long chord of 232.74', chord bearing of S82°25'15"E

Radius=200.00'

Arc Len=248.40' Thence following a curve to a point with a long chord of 104.81', chord bearing of N67°31'00"E

Radius=545.00'

Arc Len=104.97'

Thence S03°52'39"W 53.90' to a point;

Thence following a curve to a point with a long chord of 76.08', chord bearing of S66°24'24"W

Radius=495.00'

Arc Len=76.16'

Thence following a curve to a point with a long chord of 290.92', chord bearing of N82°25'15"W

Radius=250.00' Arc Len=310.50'

Thence following a curve to a point with a long chord of 249.46', chord bearing of N62°03'52"W

Radius=475.00'

Arc Len=252.42' Thence N77°17'17"W 47.62' to a point;

Thence following a curve to a point with a long chord of 245.40', chord bearing of S85°55'52"W

Radius=425.00' Arc Len=248.95'

Thence S69°09'01"W 343.56' to a point;

Thence following a curve to a point with a long chord of 334.13', chord bearing of S79°33'21"W

Radius=925.00'

Arc Len=335.97' Thence following a curve to a point with a long chord of 627.14', chord bearing of S85°49'39"W

Radius=4350.00'

Arc Len=627.68' Thence S81°41'37"W 369.76' to a point;

Thence following a curve to a point with a long chord of 49.71', chord bearing of S80°13'58"W

Radius=975.00'

Arc Len=49.72' Thence S78°46'19"W 394.04' to a point;

Thence following a curve to a point with a long chord of 647.47', chord bearing of S76°22'40"W

Radius=7750.00'

Arc Len=647.66' Thence S73°59'02"W 96.68' to a point;

Thence following a curve to a point with a long chord of 51.12', chord bearing of S70°53'56"W

Radius=475.00' Arc Len=51.15'

Thence S67°48'51"W 411.37' to a point;

Thence following a curve to a point with a long chord of 73.98', chord bearing of S38°15'52"W

Radius=75.00' Arc Len=77.36'

Thence S08°42'54"W 127.15' to a point;

Thence following a curve to a point with a long chord of 162.83', chord bearing of S49°21'27"W

Radius=125.00'

Arc Len=177.34' Thence Due West S90°00'00"W 411.09' to a point;

Thence following a curve to a point with a long chord of 121.93', chord bearing of N52°26'06"W

Radius=100.00'

Arc Len=131.13' Thence following a curve to a point with a long chord of 71.29', chord bearing of N60°20'30"W

Radius=50.00' Arc Len=79.36'

Thence S74°11'12"W 343.05' to a point;

Thence following a curve to a point with a long chord of 294.46', chord bearing of N64°56'32"W

Radius=225.00'

Arc Len=321.00'

Thence following a curve to a point with a long chord of 108.53', chord bearing of N30°37'51"W

Radius=475.00'

Arc Len=108.76'

Thence N37°11'26"W 113.54' to a point;

Thence following a curve to a point with a long chord of 217.29', chord bearing of N75°34'02"W

Radius=175.00'

Arc Len=234.43'

Thence following a curve to a point with a long chord of 102.69', chord bearing of S68°27'29"W

Radius=1225.00'

Arc Len=102.72' Thence S70°51'37"W 352.98' to a point;

Thence following a curve to a point with a long chord of 393.97', chord bearing of S68°09'21"W

Radius=4175.00'

Arc Len=394.11'

Thence S65°27'06"W 761.14' to a point;

Thence following a curve to a point with a long chord of 635.30', chord bearing of S70°46'23"W

Radius=3425.00'

Arc Len=636.20'

Thence S76°05'40"W 585.73' to a point;

Thence following a curve to a point with a long chord of 412.11', chord bearing of S70°06'21"W

Radius=1975.00'

Arc Len=412.86'

Thence S64°07'02"W 561.98' to a point;

Thence following a curve to a point with a long chord of 509.93', chord bearing of S82°42'07"W

Radius=800.00'

Arc Len=518.98'

Thence N78°42'48"W 478.89' to a point;

Thence following a curve to a point with a long chord of 206.28', chord bearing of S88°44'45"W

Radius=475.00'

Arc Len=207.93'

Thence S76°12'18"W 56.43' to a point;

Thence following a curve to a point with a long chord of 302.51', chord bearing of S71°48'46"W

Radius=1975.00'

Arc Len=302.80'

Thence S67°25'14"W 871.26' to a point;

Thence following a curve to a point with a long chord of 357.04', chord bearing of S59°40'39"W

Radius=1325.00'

Arc Len=358.13'

Thence S51°56'03"W 507.01' to a point;

Thence following a curve to a point with a long chord of 9.44', chord bearing of S52°26'59"W

Radius=525.00'

Arc Len=9.45'

Thence S52°57'54"W 456.90' to a point;

Thence following a curve to a point with a long chord of 6.00', chord bearing of S52°36'11"W

Radius=475.00'

Arc Len=6.00'

Thence S52°14'28"W 643.36' to a point;

Thence following a curve to a point with a long chord of 12.73', chord bearing of S52°56'08"W

Radius=525.00'

Arc Len=12.73'

Thence S53°37'49"W 546.74' to a point;

Thence following a curve to a point with a long chord of 16.06', chord bearing of S54°30'24"W

Radius=525.00'

Arc Len=16.06'

Thence S55°22'59"W 279.97' to a point;

Thence following a curve to a point with a long chord of 275.28', chord bearing of S67°45'55"W

Radius=641.88'

Arc Len=277.43'

Thence S80°08'51"W 1301.38' to a point;

Thence following a curve to a point with a long chord of 426.94', chord bearing of S75°11'58"W

Radius=2475.00'

Arc Len=427.47'

Thence S70°15'06"W 508.01' to a point;

Thence following a curve to a point with a long chord of 6.22', chord bearing of S70°04'08"W

Radius=975.00'

Arc Len=6.22'

Thence S69°53'11"W 454.51' to a point;

Thence following a curve to a point with a long chord of 29.59', chord bearing of S69°01'01"W

Radius=975.00'

Arc Len=29.59'

Thence S68°08'52"W 1975.67' to a point;

Thence following a curve to a point with a long chord of 212.22', chord bearing of S64°05'28"W

Radius=1500.00'

Arc Len=212.40'

Thence S60°02'05"W 347.51' to a point;

Thence following a curve to a point with a long chord of 330.01', chord bearing of S71°05'47"W

Radius=860.00'

Arc Len=332.07'

Thence following a curve to a point with a long chord of 70.78', chord bearing of S41°40'35"W

Radius=54.51'

Arc Len=77.03'

Thence S01°11'41"W 393.57' to a point;

Thence following a curve to a point with a long chord of 199.91', chord bearing of S21°12'44"W

Radius=292.00'

Arc Len=204.03'

Thence S41°13'46"W 132.07' to a point;

Thence following a curve to a point with a long chord of 335.61', chord bearing of S48°23'48"W

Radius=1345.00'

Arc Len=336.49'
 Thence S55°33'49"W 216.10' to a point;
 Thence following a curve to a point with a long chord of 6.98', chord bearing of
 S55°56'41"W
 Radius=525.00'
 Arc Len=6.98'
 Thence S56°19'33"W 170.60' to a point;
 Thence following a curve to a point with a long chord of 63.71', chord bearing of
 S16°44'47"W
 Radius=50.00'
 Arc Len=69.08'
 Thence S22°50'00"E 1171.59' to a point;
 Thence following a curve to a point with a long chord of 279.26', chord bearing of
 S00°19'41"W
 Radius=355.00'
 Arc Len=287.01'
 Thence following a curve to a point with a long chord of 214.73', chord bearing of
 S27°48'38"W
 Radius=1425.00'
 Arc Len=214.93'
 Thence S32°07'54"W 406.25' to a point;
 Thence following a curve to a point with a long chord of 11.32', chord bearing of
 S31°26'57"W
 Radius=475.00'
 Arc Len=11.32'
 Thence S30°45'59"W 432.29' to a point;
 Thence following a curve to a point with a long chord of 17.40', chord bearing of
 S31°42'58"W
 Radius=525.00'
 Arc Len=17.41'
 Thence S32°39'58"W 130.66' to a concrete monument and the True Point of Beginning;

Said parcel containing 1,327,080 square feet or 30.466 acres, which equates to 123,290.3 square meters or 31.368 cuerdas.

For recordation at the Registry of Property, the legal description for the easement hereinabove described is as follows:

Strip of land having a length of eight thousand one hundred eighteen point zero (8,118.0) meters and a width of fifteen point twenty four (15.24) meters running from West to East, bounded on the North with land of the United States of America to be conveyed to the Municipality of Vieques and the Puerto Rico Ports Authority's Vieques Airport, South with land of the United States of America to be conveyed to the Municipality of Vieques, East with the Puerto Rico Conservation Trust Fund's Parcel A and the Puerto Rico Land Administration, West with land of the United States of America, and land of the United States of America to be conveyed to the Municipality of Vieques.

This easement also provides access to Parcel B, of the PRTC Parcel, through the use of the easement hereinafter constituted in the next paragraph (2).

This easement is at all times and places for the purpose of exercising the rights set forth herein; reserving, however, to the Government any and all rights and privileges as may be used and enjoyed without interfering with or abridging the Grantee's rights herein granted.

2. A perpetual easement for ingress and egress on and over the Remnant in favor of PRCT Parcel's Parcel B more fully described as follows:

Beginning at a concrete monument in the Llave ward, said concrete monument being stamped "V1" and having a northing of 753,134.1705 and an easting of 975,319.7511. Thence S68°08'55"W 4214.19' to a concrete monument, the True Point of Beginning, having a northing of 751,296.6207 and an easting of 971,527.2890:

Thence N88°30'56"W 17.08' to a point;

Thence N06°25'48"E 126.64' to a point;

Thence N00°22'18"W 33.18' to a point;

Thence S76°27'39"E 214.00' to a point;

Thence S87°35'56"E 90.54' to a point;

Thence S84°55'42"E 170.22' to a point;

Thence following a curve to a point with a long chord of 66.12', chord bearing of N68°54'59"E

Radius=75.00'

Arc Len=68.47'

Thence N42°45'40"E 172.05' to a point;

Thence N48°23'53"E 117.85' to a point;

Thence N44°11'57"E 173.19' to a point;

Thence N42°41'08"E 232.72' to a point;

Thence following a curve to a point with a long chord of 334.34', chord bearing of N74°44'18"E

Radius=315.00'

Arc Len=352.44'

Thence S73°12'33"E 71.60' to a point;

Thence following a curve to a point with a long chord of 214.35', chord bearing of N73°27'01"E

Radius=195.00'

Arc Len=226.94'

Thence N40°06'36"E 66.27' to a point;

Thence following a curve to a point with a long chord of 44.84', chord bearing of N22°42'55"E

Radius=75.00'

Arc Len=45.54'

Thence N05°19'15"E 254.17' to a point;

Thence following a curve to a point with a long chord of 344.92', chord bearing of N03°02'19"E

Radius=4331.00'

Arc Len=345.01'

Thence N00°45'24"E 194.87' to a point;

Thence following a curve to a point with a long chord of 15.18', chord bearing of N01°35'07"E

Radius=525.00'

Arc Len=15.18'

Thence N02°24'49"E 211.56' to a point;

Thence following a curve to a point with a long chord of 9.72', chord bearing of N01°49'39"E

Radius=475.00'

Arc Len=9.72'

Thence N01°14'29"E 652.51' to a point;

Thence following a curve to a point with a long chord of 17.15', chord bearing of N02°10'38"E

Radius=525.00'

Arc Len=17.15'

Thence N03°06'47"E 131.20' to a point;

Thence following a curve to a point with a long chord of 11.98', chord bearing of N02°23'25"E

Radius=475.00'

Arc Len=11.98'

Thence N01°40'03"E 1800.55' to a point;

Thence following a curve to a point with a long chord of 168.66', chord bearing of N08°33'31"W

Radius=475.00'

Arc Len=169.56'

Thence N18°47'06"W 111.18' to a point;

Thence following a curve to a point with a long chord of 179.71', chord bearing of N00°17'11"E

Radius=275.00'

Arc Len=183.07'

Thence following a curve to a point with a long chord of 138.47', chord bearing of N29°39'20"E

Radius=387.31'

Arc Len=139.22'

Thence N39°57'12"E 229.20' to a point;

Thence following a curve to a point with a long chord of 73.68', chord bearing of N17°08'10"E

Radius=95.00'

Arc Len=75.66'

Thence following a curve to a point with a long chord of 127.98', chord bearing of N25°00'13"W

Radius=193.39'

Arc Len=130.44'

Thence N44°19'35"W 128.57' to a point;

Thence following a curve to a point with a long chord of 257.12', chord bearing of N35°21'32"W

Radius=824.78'

Arc Len=258.18'

Thence following a curve to a point with a long chord of 188.65', chord bearing of N14°41'16"W

Radius=465.00'

Arc Len=189.97'

Thence N02°59'04"W 359.68' to a point;

Thence following a curve to a point with a long chord of 15.09', chord bearing of N03°53'41"W

Radius=475.00'

Arc Len=15.09'

Thence N04°48'18"W 286.71' to a point;

Thence following a curve to a point with a long chord of 399.68', chord bearing of N07°40'18"E

Radius=925.00'

Arc Len=402.86'

Thence N20°08'54"E 88.07' to a point;

Thence following a curve to a point with a long chord of 182.26', chord bearing of N26°07'36"E

Radius=875.00'

Arc Len=182.59'

Thence N32°06'18"E 100.02' to a point;

Thence following a curve to a point with a long chord of 302.88', chord bearing of N08°17'10"E

Radius=375.00'

Arc Len=311.79'

Thence N15°31'57"W 90.86' to a point;

Thence following a curve to a point with a long chord of 277.11', chord bearing of N05°33'39"E

Radius=385.00'

Arc Len=283.47'

Thence N26°39'15"E 128.24' to a point;

Thence following a curve to a point with a long chord of 241.12', chord bearing of N01°33'41"W

Radius=255.00'

Arc Len=251.15'

Thence following a curve to a point with a long chord of 289.35', chord bearing of N13°46'51"W

Radius=525.00'

Arc Len=293.15'

Thence N02°12'56"E 47.02' to a point;

Thence following a curve to a point with a long chord of 151.76', chord bearing of N06°58'36"W

Radius=475.00'

Arc Len=152.41'

Thence N16°10'07"W 201.80' to a point;

Thence following a curve to a point with a long chord of 43.57', chord bearing of N17°26'57"W

Radius=975.00'

Arc Len=43.58'

Thence N18°43'46"W 893.56' to a point;

Thence following a curve to a point with a long chord of 174.89', chord bearing of N08°07'16"W

Radius=475.00'

Arc Len=175.90'

Thence N02°29'15"E 241.71' to a point;

Thence following a curve to a point with a long chord of 53.09', chord bearing of N03°58'17"E

Radius=1025.00'

Arc Len=53.09'

Thence N05°27'20"E 283.48' to a point;

Thence following a curve to a point with a long chord of 148.61', chord bearing of N02°06'52"E

Radius=1275.00'

Arc Len=148.70'

Thence N01°13'36"W 158.81' to a point;

Thence following a curve to a point with a long chord of 4.39', chord bearing of N01°29'30"W

Radius=475.00'

Arc Len=4.39'

Thence N01°45'24"W 289.11' to a point;

Thence following a curve to a point with a long chord of 354.49', chord bearing of N03°42'25"W

Radius=5208.00'

Arc Len=354.56'

Thence N05°39'27"W 268.76' to a point;

Thence following a curve to a point with a long chord of 49.60', chord bearing of N04°16'15"W

Radius=1025.00'

Arc Len=49.61'

Thence N02°53'03"W 255.44' to a point;

Thence N87°06'57"E 50.00' to a point;

Thence S02°53'03"E 255.44' to a point;

Thence following a curve to a point with a long chord of 47.18', chord bearing of S04°16'15"E

Radius=975.00'

Arc Len=47.19'

Thence S05°39'27"E 268.76' to a point;

Thence following a curve to a point with a long chord of 357.90', chord bearing of
S03°42'25"E

Radius=5258.00'

Arc Len=357.96'

Thence S01°45'24"E 289.11' to a point;

Thence following a curve to a point with a long chord of 4.86', chord bearing of
S01°29'30"E

Radius=525.00'

Arc Len=4.86'

Thence S01°13'36"E 158.81' to a point;

Thence following a curve to a point with a long chord of 154.44', chord bearing of
S02°06'52"W

Radius=1325.00'

Arc Len=154.53'

Thence S05°27'20"W 283.48' to a point;

Thence following a curve to a point with a long chord of 50.50', chord bearing of
S03°58'17"W

Radius=975.00'

Arc Len=50.50'

Thence S02°29'15"W 241.71' to a point;

Thence following a curve to a point with a long chord of 156.48', chord bearing of
S08°07'16"E

Radius=425.00'

Arc Len=157.38'

Thence S18°43'46"E 893.56' to a point;

Thence following a curve to a point with a long chord of 45.81', chord bearing of
S17°26'57"E

Radius=1025.00'

Arc Len=45.81'

Thence S16°10'07"E 201.80' to a point;

Thence following a curve to a point with a long chord of 167.73', chord bearing of
S06°58'36"E

Radius=525.00'

Arc Len=168.45'

Thence S02°12'56"W 47.02' to a point;

Thence following a curve to a point with a long chord of 261.80', chord bearing of
S13°46'51"E

Radius=475.00'

Arc Len=265.23'

Thence following a curve to a point with a long chord of 288.40', chord bearing of
S01°33'41"E

Radius=305.00'

Arc Len=300.40'

Thence S26°39'15"W 128.24' to a point;

Thence following a curve to a point with a long chord of 241.13', chord bearing of
S05°33'39"W

Radius=335.00'

Arc Len=246.66'

Thence S15°31'57"E 90.86' to a point;

Thence following a curve to a point with a long chord of 343.27', chord bearing of
S08°17'10"W

Radius=425.00'

Arc Len=353.36'

Thence S32°06'18"W 100.02' to a point;

Thence following a curve to a point with a long chord of 171.85', chord bearing of
S26°07'36"W

Radius=825.00'

Arc Len=172.16'

Thence S20°08'54"W 88.07' to a point;

Thence following a curve to a point with a long chord of 378.07', chord bearing of
S07°40'18"W

Radius=875.00'

Arc Len=381.08'

Thence S04°48'18"E 286.71' to a point;

Thence following a curve to a point with a long chord of 16.68', chord bearing of
S03°53'41"E

Radius=525.00'

Arc Len=16.68'

Thence S02°59'04"E 359.68' to a point;

Thence following a curve to a point with a long chord of 168.36', chord bearing of
S14°41'16"E

Radius=415.00'

Arc Len=169.54'

Thence following a curve to a point with a long chord of 241.54', chord bearing of
S35°21'32"E

Radius=774.78'

Arc Len=242.53'

Thence S44°19'35"E 128.57' to a point;

Thence following a curve to a point with a long chord of 161.07', chord bearing of
S25°00'13"E

Radius=243.39'

Arc Len=164.16'

Thence following a curve to a point with a long chord of 112.46', chord bearing of
S17°08'10"W

Radius=145.00'

Arc Len=115.49'

Thence S39°57'12"W 229.20' to a point;

Thence following a curve to a point with a long chord of 120.60', chord bearing of
S29°39'20"W

Radius=337.31'

Arc Len=121.25'

Thence following a curve to a point with a long chord of 147.04', chord bearing of
S00°17'11"W

Radius=225.00'

Arc Len=149.79'

Thence S18°47'06"E 111.18' to a point;

Thence following a curve to a point with a long chord of 186.41', chord bearing of
S08°33'31"E

Radius=525.00'

Arc Len=187.41'

Thence S01°40'03"W 1800.55' to a point;

Thence following a curve to a point with a long chord of 13.24', chord bearing of
S02°23'25"W

Radius=525.00'

Arc Len=13.24'

Thence S03°06'47"W 131.20' to a point;

Thence following a curve to a point with a long chord of 15.52', chord bearing of
S02°10'38"W

Radius=475.00'

Arc Len=15.52'

Thence S01°14'29"W 652.51' to a point;

Thence following a curve to a point with a long chord of 10.74', chord bearing of
S01°49'39"W

Radius=525.00'

Arc Len=10.74'

Thence S02°24'49"W 211.56' to a point;

Thence following a curve to a point with a long chord of 13.74', chord bearing of
S01°35'07"W

Radius=475.00'

Arc Len=13.74'

Thence S00°45'24"W 194.87' to a point;

Thence following a curve to a point with a long chord of 348.90', chord bearing of
S03°02'19"W

Radius=4381.00'

Arc Len=348.99'

Thence S05°19'15"W 265.43' to a point;

Thence following a curve to a point with a long chord of 74.74', chord bearing of
S22°42'55"W

Radius=125.00'

Arc Len=75.90'

Thence S40°06'36"W 66.26' to a point;

Thence following a curve to a point with a long chord of 269.31', chord bearing of

S73°27'01"W

Radius=245.00'

Arc Len=285.13'

Thence N73°12'33"W 71.60' to a point;

Thence following a curve to a point with a long chord of 281.27', chord bearing of S74°44'18"W

Radius=265.00'

Arc Len=296.49'

Thence S42°41'08"W 233.38' to a point;

Thence S44°11'57"W 175.68' to a point;

Thence S48°23'53"W 117.22' to a point;

Thence S42°45'40"W 169.59' to a point;

Thence following a curve to a point with a long chord of 46.48', chord bearing of S53°28'33"W

Radius=125.00'

Arc Len=46.75'

Thence S84°16'44"W 94.63' to a point;

Thence N84°55'42"W 140.25' to a point;

Thence N87°35'56"W 94.25' to a point;

Thence N76°27'39"W 158.29' to a point;

Thence S06°25'48"W 93.90' to a point;

Thence S84°16'44"W 33.74' to a concrete monument and the True Point of Beginning.

Said parcel containing 691,849 square feet or 15.883 acres, which equates to 64,275.1 square meters or 16.353 cuerdas.

For recordation purposes, the legal description for the easement hereinabove described is as follows:

Strip of land having a length of 4,539.1 meters and a width of 15.24 meters running from North to South, bounded on the North with the Municipality of Vieques, South with the United States Government and the Municipality of Vieques, East with the Municipality of Vieques, and on the West with the Municipality of Vieques.

This easement is accessed through the easement previously described in paragraph one (1).

This easement is at all times and places for the purpose of exercising the rights set forth herein; reserving, however, to the Government any and all rights and privileges as may be used and enjoyed without interfering with or abridging the Grantee's rights herein granted.

3. A perpetual easement for ingress and egress on and over the Remnant in favor of the PRCT Parcel, more fully described as follows:

Beginning at a survey control point in the Punta Arenas ward, said point being a brass disk stamped Defense Mapping Agency 'PIRATA' and located in the center of the helicopter landing pad at the

top of Mt. Pirata. Said point having a northing of 751,423.8496 and an easting of 962,515.1200. Thence N56°17'08"E 4787.07' to a point having a northing of 754,080.9337 and an easting of 966,497.0687:

Thence N35°27'19"E 278' more or less to the centerline of an asphalt road, the True Point of Beginning;

Thence following the centerline of the asphalt road in a Southeast direction 4907' more or less to the intersection with a gravel road;

Thence following the centerline of the gravel road in a Southeast direction 192' more or less to the intersection with a asphalt road;

Thence following the centerline of the asphalt road in a Easterly direction 110' more or less to the intersection with a dirt road;

Thence following the centerline of the dirt road in a Southeast direction 1000' more or less to the intersection with the northern line of Puerto Rico Conservation Trust Parcel B;

Said easement being 25' wide (12.5' on either side of the above described centerlines).

Said easement containing approximately 155,225 square feet or 3.563 acres, which equates to 14,420.9 square meters or 3.669 cuerdas.

For recordation at the Registry of Property, the legal description for the easement hereinabove described is as follows:

Strip of land having a length of one thousand eight hundred ninety two point five (1,892.5) meters and a width of seven point sixty two (7.62) meters running from the Northwest to the Southeast, bounded on the North and East with land of the United States of America to be conveyed to the Municipality of Vieques and on the South and West with land of the United States of America to be conveyed to the Municipality of Vieques and land of the Puerto Rico Conservation Trust Fund.

This easement is at all times and places for the purpose of exercising the rights set forth herein; reserving, however, to the Government any and all rights and privileges as may be used and enjoyed without interfering with or abridging the Grantee's rights herein granted.

4. A perpetual easement for ingress and egress on and over the Remnant in favor of the PRCT Parcel, more fully described as follows:

Beginning at a survey control point in the Punta Arenas ward, said point being a brass disk stamped Defense Mapping Agency 'PIRATA' and located in the center of the helicopter landing pad at the top of Mt. Pirata. Said point having a northing of 751,423.8496 and an easting of 962,515.1200. Thence N15°24'18"E 7099.06' to the True Point of Beginning having a northing of 758,267.8565 and an easting of 964,400.8999.

Thence following a curve to a point with a long chord of 224.76', chord bearing of N45°02'00"W

Radius=297.50'

Arc Len=230.49'

Thence N67°13'41"W 384.75' to a point;

Thence following a curve to a point with a long chord of 198.35', chord bearing of N50°53'13"W

Radius=352.50'

Arc Len=201.07'

Thence N34°32'46"W 308.16' to a point;

Thence following a curve to a point with a long chord of 224.68', chord bearing of N23°43'39"W

Radius=598.50'

Arc Len=226.02'

Thence following a curve to a point with a long chord of 259.84', chord bearing of N03°33'45"W

Radius=800.00'

Arc Len=261.00'

Thence N05°47'02"E 304.55' to a point on the southern line of the INGRESS/EGRESS EASEMENT NUMBER 1;

Thence N60°02'05"E 61.61' to a point;

Thence departing said INGRESS/EGRESS EASEMENT S05°47'02"W 340.54' to a point;

Thence following a curve to a point with a long chord of 243.60', chord bearing of S03°33'45"E

Radius=750.00'

Arc Len=244.68'

Thence following a curve to a point with a long chord of 205.91', chord bearing of S23°43'39"E

Radius=548.50'

Arc Len=207.14'

Thence S34°32'46"E 308.16' to a point;

Thence following a curve to a point with a long chord of 170.22', chord bearing of S50°53'13"E

Radius=302.50'

Arc Len=172.55'

Thence S67°13'41"E 384.75' to a point;

Thence following a curve to a point with a long chord of 256.58', chord bearing of S45°33'46"E

Radius=347.50'

Arc Len=262.80'

Thence S59°49'59"W 50.35' to a point and the True Point of Beginning.

Said easement containing 95,916 square feet or 2.202 acres, which equates to 8,910.9 square meters or 2.267 cuerdas.

For recordation at the Registry of Property, the legal description for the easement hereinabove described is as follows:

Strip of land having a length of five hundred eighty five point three (585.3) meters and a width of fifteen point twenty four (15.24) meters running North to South, bounded on the North, East and

West with land of the United States of America to be conveyed to the Municipality of Vieques, and on the South with land of the Puerto Rico Conservation Trust Fund.

This easement is at all times and places for the purpose of exercising the rights set forth herein; reserving, however, to the Government any and all rights and privileges as may be used and enjoyed without interfering with or abridging the Grantee's rights herein granted.

B. Pursuant to Section 1506 (b)(3) of Public Law 106-398, the Grantee hereby grants to the Government the easements hereinafter mentioned in paragraphs II B (1) and (2) which shall cease and terminate upon the occurrence of the following events, whichever happens first:

(i). When the United States permanently ceases operations at Mount Pirata or disposes of the site; or

(ii). When said easements, rights of way and other interests in property are no longer necessary for:

- a. Ensuring access to the Mount Pirata telecommunications site;
- b. Providing utilities for such property;
- c. Ensuring the security of such property; and
- d. Ensuring effective maintenance and operations of such property:

Upon the termination pursuant to the events hereinbefore mentioned, the Government shall execute all necessary documents to cancel such easements at the Registry of Property.

1. An exclusive easement for ingress and egress on and over the Parcel A of the PRCT parcel in favor of the Government more fully described as follows:

Beginning at a survey control point in the Punta Arenas ward, said point being a brass disk stamped Defense Mapping Agency 'PIRATA' and located in the center of the helicopter landing pad at the top of Mt. Pirata. Said point having a northing of 751,423.8496 and an easting of 962,515.1200. Thence N06°43'46"W 4472.16' to a concrete monument, the True Point of Beginning, having a northing of 755,865.1991 and an easting of 961,991.0745:

Thence S32°39'58"W 217.64' to a point;

Thence following a curve to a point with a long chord of 16.64', chord bearing of S31°39'44"W

Radius=475.00'

Arc Len=16.64'

Thence S30°39'30"W 157.24' to a point;

Thence following a curve to a point with a long chord of 193.53', chord bearing of S26°23'46"W

Radius=1302.00'

Arc Len=193.71'

Thence following a curve to a point with a long chord of 159.32', chord bearing of S05°17'43"W

Radius=275.00'

Arc Len=161.64'

Thence N77°00'08"W 54.11' to a point;

Thence following a curve to a point with a long chord of 166.66', chord bearing of N07°16'40"E

Radius=325.00'

Arc Len=168.54'

Thence following a curve to a point with a long chord of 200.96', chord bearing of N26°23'46"E

Radius=1352.00'

Arc Len=201.15'

Thence N30°39'30"E 157.24' to a point;

Thence following a curve to a point with a long chord of 18.39', chord bearing of N31°39'44"E

Radius=525.00'

Arc Len=18.39'

Thence N32°39'58"E 221.74' to a point;

Thence S52°38'33"E 50.17' to a concrete monument, the True Point of Beginning.

Said parcel containing 37.845 square feet or 0.869 acres, which equates to 3,516.0 square meters or 0.895 cuerdas.

For recordation at the Registry of Property, the legal description for the easement hereinabove described is as follows:

Strip of land having a length of two hundred thirty one point two (231.2) meters and a width of fifteen point twenty four (15.24) meters running from North to South, bounded on the North with land of the United States of America to be conveyed to the Municipality of Vieques, on the South and West with land of the United States of America and on the East with land of the Puerto Rico Conservation Trust Fund.

2. An exclusive easement on and over the Parcel A of the PRCT Parcel in favor of the Government, identified as the Mount Pirata Electric Easement, more fully described as follows:

Beginning at a survey control point in the Punta Arenas ward, said point being a brass disk stamped Defense Mapping Agency 'PIRATA' and located in the center of the helicopter landing pad at the top of Mt. Pirata. Said point having a northing of 751,423.8496 and an easting of 962,515.1200. Thence N04°44'15"W 3641.40' to the True Point of Beginning having a northing of 755,052.8094 and an easting of 962,214.3784:

Thence N25°46'16"E 2096.11' to a point;

Thence N01°40'32"W 1179.72' to a point;

Thence S88°19'28"W 7.33' to a point;

Thence N01°40'32"W 10.00' to a point;

Thence N88°19'28"E 7.33' to a point;

Thence N01°40'32"W 19.16' to a point;

Thence N78°25'10"E 580.63' to a point;

Thence S89°23'48"E 220.50' to a point;

Thence S62°12'24"W 2.49' to a point;
Thence S30°51'42"E 12.51' to a point;
Thence S59°08'18"W 10.00' to a point;
Thence N30°51'42"W 13.08' to a point;
Thence S78°25'10"W 742.12' to a point;
Thence S01°40'32"E 1170.89' to a point;
Thence S84°53'54"E 14.26' to a point;
Thence S05°06'06"W 10.00' to a point;
Thence N84°53'54"W 14.01' to a point;
Thence S25°46'16"W 2102.91' to a point;
Thence N67°45'16"W 44.51' to a point;
Thence N70°55'49"W 5.61' to a point, the True Point of Beginning.

Said easement containing 198,778 square feet or 4.563 acres, which equates to 18,467.1 square meters or 4.699 cuerdas.

For recordation at the Registry of Property, the legal description for the easement hereinabove described is as follows:

Strip of land having a length of one thousand two hundred and ten (1,210) meters and a width of fifteen point twenty four (15.24) meters running from North to South, bounded on the North with land of the United States of America to be conveyed to the Municipality of Vieques and with land of the Puerto Rico Conservation Trust Fund, on the South with land of the United States of America, on the East and West with land of the Puerto Rico Conservation Trust Fund.

This easement is for construction, maintenance, operation, repair, or replacement of any of the existing infrastructure, or future infrastructure that may be required, at all times and places for the purpose of exercising the rights set forth herein; reserving, however, to the Grantee, any and all rights and privileges as may be used and enjoyed without interfering with or abridging the Government's rights herein retained.

C. Pursuant to Section 1506 (b) (4) of Public Law 106-398, the Grantee also hereby grants the Government the following easement for as long as such easement is required by the Government:

1. An exclusive easement on and over Parcel A of the PRCT Parcel in favor of the Government, for access to and from the Navy's Installation Restoration Program site SWMU 5, located on property belonging to the United States of America to be conveyed to the Municipality of Vieques pursuant to Public Law 106-398 of October 30, 2000, described as follows:

Beginning at a survey control point in the Punta Arenas ward, said point being a brass disk stamped Defense Mapping Agency 'PIRATA' and located in the center of the helicopter landing pad at the top of Mt. Pirata. Said point having a northing of 751,423.8496 and an easting of 962,515.1200. Thence N56°17'08"E 4787.07' to the True Point of Beginning having a northing of 754,080.9337 and an easting of 966,497.0687:

Thence N35°27'19"E 273.43' to a point;

Thence following a curve to a point with a long chord of 36.86', chord bearing of N29°24'36"E

Radius=175.00'

Arc Len=36.93'

Thence N23°21'52"E 43.79' to a point;

Thence following a curve to a point with a long chord of 184.87', chord bearing of N11°03'41"W

Radius=163.50'

Arc Len=196.48'

Thence N45°29'13"W 229.23' to a point;

Thence N47°23'07"W 171.37' to a point;

Thence N48°30'06"W 375.54' to a point;

Thence following a curve to a point with a long chord of 194.19', chord bearing of N65°53'03"W

Radius=325.00'

Arc Len=197.20'

Thence N83°16'00"W 239.59' to a point;

Thence N80°45'34"W 128.84' to a point;

Thence following a curve to a point with a long chord of 326.44', chord bearing of N65°47'33"W

Radius=632.00'

Arc Len=330.19'

Thence N50°49'32"W 112.07' to a point;

Thence N49°12'41"W 268.06' to a point;

Thence following a curve to a point with a long chord of 294.30', chord bearing of N44°42'37"W

Radius=1875.00'

Arc Len=294.60'

Thence N40°12'33"W 241.40' to a point;

Thence following a curve to a point with a long chord of 461.49', chord bearing of N20°05'44"W

Radius=671.00'

Arc Len=471.11'

Thence N00°01'05"E 468.10' to a point;

Thence N00°21'12"E 696.84' to a point;

Thence N00°06'12"E 463.73' to a point;

Thence following a curve to a point with a long chord of 188.69', chord bearing of N07°50'32"W

Radius=682.50'

Arc Len=189.30'

Thence following a curve to a point with a long chord of 36.59', chord bearing of N19°18'48"W

Radius=297.50'

Arc Len=36.61'

Thence N59°49'59"W 50.35' to a point;

Thence following a curve to a point with a long chord of 49.14', chord bearing of
S19°50'34"E

Radius=347.50'

Arc Len=49.19'

Thence following a curve to a point with a long chord of 202.51', chord bearing of
S07°50'32"E

Radius=732.50'

Arc Len=203.16'

Thence S00°06'12"W 463.83' to a point;

Thence S00°21'12"W 696.80' to a point;

Thence S00°01'05"W 467.96' to a point;

Thence following a curve to a point with a long chord of 427.10', chord bearing of
S20°05'44"E

Radius=621.00'

Arc Len=436.00'

Thence S40°12'33"E 241.40' to a point;

Thence following a curve to a point with a long chord of 286.45', chord bearing of
S44°42'37"E

Radius=1825.00'

Arc Len=286.74'

Thence S49°12'41"E 267.36' to a point;

Thence S50°49'32"E 111.37' to a point;

Thence following a curve to a point with a long chord of 300.62', chord bearing of
S65°47'33"E

Radius=582.00'

Arc Len=304.06'

Thence S80°45'34"E 127.75' to a point;

Thence S83°16'00"E 238.49' to a point;

Thence following a curve to a point with a long chord of 224.06', chord bearing of
S65°53'03"E

Radius=375.00'

Arc Len=227.54'

Thence S48°30'06"E 376.03' to a point;

Thence S47°23'07"E 172.69' to a point;

Thence S45°29'13"E 230.05' to a point;

Thence following a curve to a point with a long chord of 241.40', chord bearing of
S11°03'41"E

Radius=213.50'

Arc Len=256.56'

Thence S23°21'52"W 43.79' to a point;

Thence following a curve to a point with a long chord of 47.39', chord bearing of
S29°24'36"W

Radius=225.00'

Arc Len=47.48'

Thence S35°27'19"W 110.90 to a point;

Thence S54°26'31"W 127.28' to a point;
Thence S34°20'09"W 42.18' to a point;
Thence N54°32'41"W 9.41' to a point, the True Point of Beginning.

Said easement containing 270.430 square feet or 6.208 acres, which equates to 25,123.9 square meters or 6.392 cuerdas.

For recordation at the Registry of Property, the legal description for the easement hereinabove described is as follows:

Strip of land having a length of one thousand six hundred forty seven point seventy (1,647.70) meters and a width of fifteen point twenty four (15.24) meters running from North to South, bounded on the North and South with land of the United States of America to be conveyed to the Municipality of Vieques, on the East and West with land of the Puerto Rico Conservation Trust Fund.

The Government and the Grantee request the Registry of the Property to record the hereinbefore constituted easements mentioned in Section II A, B, and C in its Registry books.

III. Restrictive Covenants

The Grantee constitutes the restrictive covenants hereinafter mentioned, on the PRCT Parcel, to affect only a partial area of its portion identified as Parcel B, hereinafter "Partial area of Parcel B", which partial area is described as follows: Beginning at a point on the eastern side of the PRCT Parcel B in the Llave Ward, having a northing of 750200.0978 and an easting of 972095.9250; thence S65°28'57"E 89.46' to an iron rod and cap set; thence S47°38'47"E 180.25' to an iron rod and cap set; thence S39°22'29"E 62.73' to an iron rod and cap set; thence S36°19'05"E 402.83' to an iron rod and cap set; thence S25°51'07"E 74.75' to an iron rod and cap set; thence S10°11'30"E 92.27' to an iron rod and cap set; thence S00°13'36"E 61.76' to an iron rod and cap set; thence S02°39'23"W 245.30' to an iron rod and cap set; thence S03°58'48"E 93.43' to an iron rod and cap set; thence S05°33'56"E 224.30' to an iron rod and cap set; thence S24°50'22"E 53.12' to an iron rod and cap set; thence due South 788.93' to an iron rod and cap set; thence continuing due South 100.00' to an iron rod and cap set on the approximate edge of water of the Caribbean Sea; thence S55°51'29"W 878.25' on a tie line along the approximate edge of water of said Caribbean Sea to an iron rod and cap set; thence departing the approximate edge of water of said Caribbean Sea N43°10'27"W 120.00' to an iron rod and cap set; thence continuing N43°10'27"W 1880.01' to an iron rod and cap set; thence N49°41'22"E 1985.45' to the point of beginning. Said overall parcel containing 3,406,198 square feet or 78.196 acres, which equates to 316446.1 square meters or 80.513 cuerdas.

The restrictive covenants shall run with the land and restrict the use thereof so that said portion of PRCT PARCEL's Parcel B shall not be used for any of the following uses or structures:

a. Any type of structure, dwelling, building, antenna, tower, pole, line, wire, or other obstruction, permanent or temporary, shall not be permitted.

b. No new construction of highways, arterial roads, expressways, and railroads excluding secondary roads, tertiary roads, or private driveways. All proposed new roads and trails must be reviewed by the Commanding Officer, United States Naval Station Roosevelt Roads, representing the Government, for electromagnetic interference compatibility during the preliminary planning phase and approved or disapproved. Government disapproved roads or trails may not be constructed.

c. No new buildings or structures are permitted.

d. No new overhead power lines of any kind are permitted with the exception of those currently allowed under existing recorded documents prior to the date of this instrument.

e. All new utility lines, including conductors, will be buried, with the exception of those currently allowed under existing recorded documents prior to the date of this instrument.

f. No new airports, heliports, helistops, or grass landing strips including, but not limited to, landing fields used for agricultural purposes.

g. No storage and/or processing of salvage or junk metal scrap yards or collection depots of metal-based material to be recycled.

h. No radio transmitters, radio frequency stabilized welders, or other radio frequency heaters other than residential microwave ovens, relay facilities, new line-of-sight relay devices, for example, microwave towers, electric fences, and lighting systems other than incandescent, fluorescent, and low pressure sodium vapor.

i. Except for existing buildings, structures, and uses already in place, the Partial area of Parcel B, which is subject to said restrictive covenant, shall not be used for other than wildlife management, conservation, conservation education, ecological restoration, agricultural, and forestry purposes.

j. A restriction on the Partial area of Parcel B prohibits the Grantee, its successors and assigns from; erecting, constructing, growing, installing, creating, or permitting, whether public or private, any structure, dwelling, building, antenna, tower, pole, line, wire, tree, or other obstruction, whatever its nature, together with the right of the Government to enter upon the property and remove all obstructions not in conformance with this restrictive covenant, including but not limited to alteration or removal of all structures, buildings, antennas, towers, or other non-vegetative obstructions, whatever their nature, that shall be erected, constructed, or installed on the Partial Area of Parcel B from and after the date of the execution of this Deed.

Any exception to the hereinbefore mentioned restrictive covenants shall be requested in writing by Grantee to the Government and the Government shall approve or disapprove of the exception requested within 45 days from the date the Government is notified.

In the event Grantee does not comply with said restrictive covenants, the Government shall notify the Grantee in writing of Grantee's violation to said covenants. Upon receipt of said notice, Grantee shall cure the violation and ensure compliance with the restrictive covenants hereinbefore mentioned.

In the event that, within reasonable time, the violation is not cured or has not commenced to be cured by Grantee, the Government shall have the option to commence court proceedings or enter the PRCT Parcel to cure the violation.

In the event that the Government exercises the self-help remedies provided herein, it shall use reasonable efforts to minimize and/or mitigate damages suffered by the PRCT Parcel B as a consequence of the exercise of said remedies.

The restrictions described herein shall have full force and effect for as long as the Government conducts operations at the Relocatable Over the Horizon Radar Site (ROTHR) or disposes of the site. In the event the Government removes all installations at the aforementioned site with the intent of permanently ceasing operations, Government shall notify Grantee of such removal. Upon receipt of such notice, the restrictions described herein above shall cease to have any effect. The Government shall execute all necessary documents for presentation to the Registry to remove the restrictive covenants herein constituted.

IV. Existing Easement.

The Government represents that the PRCT Parcel is conveyed subject to the following physically existing easement described as follows:

A. Easement of approximately forty three point seven hundredths (43.07) acres equivalent to one hundred seventy four thousand two hundred fifty four point fifty three (174,254.53) square meters and equivalent to forty four point three thousand three hundred fifty one (44,3351) cuerdas for the Puerto Rico Electric Power Authority dated September twelfth, nineteen hundred and sixty two (1962) for an electric power line crossing Green Beach and terminating at Isabel Segunda, that is located on the Naval Ammunition Support Detachment, described as follows:

TRACT "A" - (PORTION OF NAVAL AMMUNITION SUPPORT DETACHMENT) Strip of land forty (40) feet wide, or twelve and one hundred ninety two thousands (12.192) meters, by approximately thirty nine thousand seven hundred and seventy (39,770) feet long, or twelve thousand one hundred and fifty-six hundredths (12,100.56) meters, or thirty six and fifty two hundredth (36.52) acres beginning twenty (20) feet or six and ninety six thousandths (6.096) meters on either side of a center line described as follows:

"Beginning at point on the westernmost tip of Vieques Island (Punta Arenas) at Latitude eighteen degrees, seven minutes and fifteen seconds, Longitude sixty five degrees, thirty four minutes and forty seconds thence south forty degrees two minutes east, five thousand six hundred eighty five feet (5,685), or one thousand seven hundred thirty two and seven hundred and eighty eight thousandths (1,732.788) meters to a point; thence north eighty seven degrees east, six thousand

three hundred eighty five (6,385) feet, or one thousand nine hundred forty six and one hundred and forty eight thousandths (1,946.148) meters to a point; thence north seventy six degrees, fifty four minutes east, fifteen thousand six hundred forty (15,640) feet to a point; thence, north seventy eight degrees, fourteen feet east, ten thousand eight hundred (10,800) feet or three thousand two hundred ninety one and eighty four hundredths (3,291.84) meters to a point on the east boundary of the Naval Ammunition Depot-Martineau Area of the United States Navy at approximately one thousand five hundred (1,500) feet or four hundred fifty seven and two tenths (457.2) meters south three degrees, thirteen minutes and ten seconds east from Point C-1 on said boundary."

Although said easement affects the PRCT Parcel, as of the date of this Deed, the easement has not been recorded at the corresponding Registry of Property.

V. Environmental Representations

The following provisions address environmental responsibilities on the PRCT Parcel:

As provided in Public Law 106-398, the Comprehensive Environmental Response, Compensation and Liability Act, as amended (CERCLA), the National Contingency Plan, and existing Navy and legal requirements, the Secretary of the Navy shall remain responsible for the environmental condition of the PRCT Parcel and neither the Grantee nor its successors in interest shall be responsible for such condition existing at the time of the conveyance. All response actions with respect to the PRCT Parcel shall take place in compliance with current law.

A. Uncontaminated Property Conveyance as per CERCLA Section 120(h)(4)

1. Pursuant to Section 120 (h)(4) of CERCLA, 42 U.S.C. Section 9620(h)(4), and the CERCLA lead agent authority of the Department of Defense created by Sections 103 and 115 of CERCLA, 42 U.S.C. Sections 9604 and 9615, CERCLA Section 2.d. of Executive Order 12580 (52) Federal Register 2923 of January 29, 1987), and the National Contingency Plan (40) Code of Federal Regulations Section 300.5), the Department of Defense, having obtained the required concurrence from the Governor of the Commonwealth of Puerto Rico as of June 30, 2000, has determined that the PRCT Parcel is uncontaminated, based on the review of available information indicating that no hazardous substance, pollutant or contaminant and no petroleum products or their derivatives, including aviation oil and motor oil are known to have been released, threatened to be released or disposed of at the PRCT Parcel.

2. Pursuant to section 120(h)(4)(D) of CERCLA (42 U.S.C. 9620(h)(4)(D)) to the extent required at the PRCT Parcel and in accordance with the applicable federal, state, and local laws and regulations, the Government further covenants and warrants to promptly:

a. Undertake any response action, remedial action or corrective action found to be necessary after the date of this transfer in connection with any release or threatened release of a hazardous substance, pollutant or contaminant, petroleum or petroleum products or their derivatives, including aviation oil and motor oil from or on the PRCT Parcel caused by Department of Defense activities; and

b. Settle or defend any claim, demand, or order made by federal, state and/or local regulators or third parties in connection with any release or threatened release of a hazardous substance, pollutant or contaminant, or petroleum products or their derivatives, including aviation oil and motor oil from or on the PRCT Parcel caused by Department of Defense activities, and found to be necessary after the date of the transfer.

c. The Grantee or its successors in interest seeking from the Government a response action as described above, shall

i. Notify the Government in writing within ninety (90) days after the learning of any previously unidentified condition at the PRCT Parcel that suggests a response action, a remedial action or corrective action is necessary, or within ninety (90) days after receiving notice of a claim by federal, state or local regulators, or other third parties of any condition at the PRCT Parcel that suggests a response action, remedial action or corrective action is necessary. If the Grantee or its successor(s) in interest is served with a complaint or written notice of a claim by the federal, state, or local regulators, or served with any court document, complaint, claim, suit and/or demand, by any other third party the Grantee shall provide the Government with a copy of such document no later than fifteen (15) days following service of such document;

ii. Furnish the Government copies of pertinent papers the Grantee or its successors in interest receive;

iii. Provide, upon request of the Government, reasonable access to the records and personnel of the Grantee or its successors in interest for purposes of defending, or resolving the need for additional response action; and

iv. Provide, upon request of the Government, reasonable access to the PRCT Parcel for purposes of performing a response action on the PRCT Parcel or on adjoining properties.

3. So that the Government may fulfill responsibilities established herein, the Government reserves a perpetual right of access to the PRCT Parcel for any case in which the Government is obligated to undertake a response action, a remedial action or a corrective action after the date of the Deed at the PRCT Parcel, or if such access is necessary to carry out a response action or a remedial action or corrective action on any adjoining property. Such perpetual right of access shall run with the land and be binding to all future owners of the PRCT Parcel. The Grantee shall also include in any real property instrument or contractual agreement with any other party governing use or possession of the PRCT Parcel, a provision clearly providing the Government a right of access to the PRCT Parcel for any case in which the Government is obligated to undertake a response action, a remedial action or a corrective action at the PRCT Parcel after the date of the Deed or such access is necessary to carry out any response action, remedial action or corrective action on any adjoining property.

B. Property/Injury Indemnification

1. Pursuant to Public Law 106-398, and subject to the provisions of this Section V of the Deed Government shall hold harmless, defend and indemnify, in full, Grantee and any successor, assignee, transferee, lender, or lessee of Grantee, (collectively and individually "Indemnatee(s)"), from and against any suit, claim, demand, action, liabilities, judgments, costs or other fee arising out of any claim for property damages or personal injury (including death, illness, loss of or damage to property or economic loss) that results from, or is in any manner predicated upon, the release or threatened release of any hazardous substance, pollutant, contaminant, petroleum products or petroleum derivatives, including aviation oil and motor oil from or on the PRCT Parcel as a result of Department of Defense activities at Naval Ammunition Storage Detachment Vieques Island, Puerto Rico.

2. In any case in which Government may be required to indemnify the Indemnatee(s) for any suit, claim, demand, action, liability, judgment, cost or fee arising out of any claim for property damage, or personal injury Government shall defend or may settle on behalf of that Indemnatee(s), the claim for personal injury or property damage.

3. If any Indemnatee(s) does not allow Government to settle or defend the claim, such Indemnatee(s) will not be afforded indemnification with respect to that claim. Government will not indemnify the Indemnatee(s) unless such Indemnatee(s):

a. Notifies Government in writing within ninety (90) days after the Grantee has actual knowledge of such an indemnification claim. If Indemnatee(s) is served with a complaint or written notice of a suit, claim, demand, or action by federal, state or local regulators, Indemnatee(s) will provide Government with a copy of such document no later than fifteen (15) days following service of the suit, claim, demand, action. Indemnatee(s) right to indemnification shall not expire due to late notice unless Government's ability to defend or to settle is materially and adversely affected;

b. Furnishes Government copies of pertinent papers the Indemnatee(s) receives; and

c. Furnishes, to the extent it is in the possession or control of Indemnatee(s), evidence or proof of any claim, loss, or damage covered by subparagraph (a); and

d. Provides, upon request of Government, reasonable access to the records and personnel of the Indemnatee(s) for purposes of defending or settling the claim or claims.

4. Government will not indemnify Indemnatee(s) to the extent that any release or threatened release of any hazardous substance, pollutant, contaminant, petroleum products or petroleum derivatives, including aviation oil or motor oil from or on the PRCT Parcel occurred as the result of such Indemnatee(s) actions. Government is entitled to contribution from Indemnatee(s) to the extent Government shows that such release was a result of the Indemnatee(s) actions. However, the availability of contribution shall not affect the requirement of Government to defend an Indemnatee(s), unless such Indemnatee(s) is solely responsible for the release or threatened release giving rise to the claim for indemnity, in which case the Government's duty to defend will not exist as to that claim.

C. Responsibilities of the Grantee

1. Grantee covenants and agrees to manage the PRCT Parcel as a wildlife refuge under standards consistent with the National Refuge System Administration Act of 1966 (16 U.S.C. Section 668 *et seq*) and pursuant to a cooperative management agreement among the Commonwealth of Puerto Rico, the Grantee, and the Secretary of Interior executed on April 26, 2001, a copy of which is attached hereto as Exhibit A. This covenant is binding on all of the Grantee's successors in interest and shall run with the land.

2. Grantee does not use, handle, produce or otherwise use hazardous substances, pollutants or contaminants, petroleum products or its derivatives including aviation oil and motor oil. Should Grantee handle such substances, it shall do so in accordance with the applicable federal or local statutes and regulations. Grantee releases and hold harmless the Government from any response action or corrective action necessary for any release or threatened release occurred in the PRCT Parcel following the date of transfer that is determined to be the result of Grantee's actions or of the actions of a third party, which actions are not related to the Department of Defense activities.

D. Unexploded Ordnance. Government represents that it has conducted an environmental baseline survey of the PRCT Parcel, that it has removed all ordnance from the magazines, and that it is unaware of the presence of unexploded ordnance on the PRCT Parcel. In the event that unexploded ordnance is found on the PRCT Parcel, the Government hereby agrees that it will remove and dispose of discovered unexploded ordnance, at its own cost and responsibility according to federal laws and regulations and then applicable Navy and Department of Defense policies. The Government will seek appropriation of funds to conduct such removal of unexploded ordnance, if necessary.

E. Definitions and General Provisions.

1. For the purpose of the provisions of this Section, the following terms have the meanings indicated below:

a. "release", "threatened release", "hazardous substance", "pollutant", "contaminant", "removal," "remedial action", and "response" have the meanings given to such terms under CERCLA and United States Environmental Protection Agency regulations implementing CERCLA. For purposes of this Deed the Government agrees that petroleum products or their derivatives will not be excluded from any CERCLA remedial, response or corrective action.

b. "Department of Defense activities" means the Department of Defense's construction, installation, placement, operation, maintenance, misuse, abandonment or failure to maintain the buildings and equipment on land comprising the PRCT Parcel; or failure to satisfy any otherwise legally applicable obligation to investigate or remediate any environmental conditions existing at the PRCT Parcel. "Department of Defense activities" does not mean the release or threatened release of a hazardous substance, pollutant, contaminant, petroleum or a petroleum derivative, to the extent that Government shows that the release or threatened release is caused or contributed to by the Grantee or its successor in interest.

c. "Action arising out of any claim for property damage" includes, but is not limited to, any judicial, administrative or private cost recovery proceeding brought against the Grantee or grantee's successors in interest (i) for remedial and/or response and/or corrective action costs arising under CERCLA, (ii) for costs incurred to enjoin or abate the presence or migration of contamination from or on the PRCT Parcel under the Resource Conservation and Recovery Act, as amended (RCRA), or (iii) for costs incurred to comply with the requirements of similar federal or state laws and regulations (or the laws of any political subdivision of the Commonwealth) which arise from the environmental conditions on the PRCT Parcel.

d. "Environmental condition(s)" means the presence of any hazardous substance, pollutant or contaminant, including hazardous waste or hazardous constituent, petroleum or petroleum derivative disposed of, released or existing in environmental media such as soil, subsurface soil, air, groundwater, surface water or subsurface geological formations at levels above background.

2. Prior to taking any action or reaching any final settlement under this Section V that could adversely impact Grantee or its successors in interest's use of the premises, Government shall consult with Grantee or its successors in interest to minimize any such impact.

3. Nothing in this Section V creates rights of any kind in any person or entity other than: (i) the Government and (ii) the Grantee and the Grantee's successors in interest.

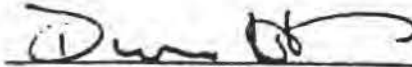
VI. Additional Documents

The Government and the Grantee shall execute and provide all necessary documents to record the present deed in the corresponding Registry of Property of Puerto Rico.

TO HAVE AND TO HOLD the PRCT Parcel herein granted with all the privileges and appurtenances thereto belonging, to the Grantee and its successors and assigns forever, subject to the conditions set forth in the Deed.

IN WITNESS WHEREOF, the Government, acting by and through its Deputy Assistant Secretary of the Navy (Installations and Facilities), has hereunto subscribed its name and affixed the seal of the United States Department of the Navy.

UNITED STATES OF AMERICA



Duncan Holaday
Deputy Assistant Secretary of the Navy
(Installations and Facilities)

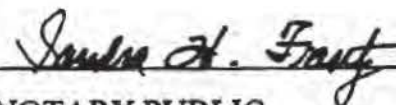
COMMONWEALTH OF VIRGINIA

COUNTY OF ARLINGTON

() to-wit:

I, Sandra H. Frantz, a Notary Public in and for the Commonwealth of Virginia, do hereby certify that Mr. Duncan Holaday, of legal age, married, Deputy Assistant Secretary of the Navy, and resident of the Commonwealth of Virginia, United States of America, whose name is signed to the foregoing DEED, has this day, acknowledged the same before me in the County and State aforesaid.

Given under my hand this 30th day of April, 2001.



NOTARY PUBLIC

My Commission expires 30 September 2002

(SEAL)

IN WITNESS WHEREOF, the Trustees of the Puerto Rico Conservation Trust, also known as the Puerto Rico Conservation Trust Fund and known in Spanish as "El Fideicomiso de Conservación de Puerto Rico", Thomas Lovejoy, Arleen Pabón and Kate Romero herein represented by the Trust's Executive Director, Francisco Javier Blanco, of legal age, married, architect and resident of San Juan, Puerto Rico, hereby accepts the terms and conditions herein provided by this conveyance document, and has hereunto subscribed its name and affixed the seal of the Puerto Rico Conservation Trust.



Francisco Javier Blanco
Executive Director
Puerto Rico Conservation Trust

I, Sandra H. Frantz, a Notary Public in and for the Commonwealth of Virginia, do hereby certify that Francisco Javier Blanco whose name is signed to the foregoing Deed, has this day acknowledged the same before me in the County and State aforesaid.

Given under my hand this 30th day of April, 2001.


NOTARY PUBLIC

My Commission expires 30 September 2002

(SEAL)
#289042.1

VIRGINIA: IN THE VIRGINIA BEACH CIRCUIT COURT CLERK'S OFFICE

CERTIFICATION OF A NOTARY

I, J. CURTIS FRUIT, Clerk of the Virginia Beach Circuit Court, CERTIFY that:

1. Sandra H Frantz, who performed a notarial act to the attached document or writing, took an oath of notary and was issued his or her commission as notary public by this court pursuant to § 47.1-9.
2. At the time of performing such notarial act, the term of office of such notary public had not expired.

DATE: May 2, 2001
SEAL OF COURT AFFIXED

J. CURTIS FRUIT, CLERK

By: 
DEPUTY CLERK



**COOPERATIVE MANAGEMENT AGREEMENT AMONG
THE COMMONWEALTH OF PUERTO RICO,
THE PUERTO RICO CONSERVATION TRUST, AND
THE U.S. DEPARTMENT OF THE INTERIOR
TO MANAGE LANDS ON THE ISLAND OF VIEQUES**

I. PURPOSE

This Cooperative Management Agreement ("Agreement"), is made this 26th day of April, 2001, by and among the Commonwealth of Puerto Rico ("the Commonwealth"), acting through the Department of Natural and Environmental Resources ("DNER"); the Puerto Rico Conservation Trust, also known as the Puerto Rico Conservation Trust Fund ("the Trust"), a charitable non-profit perpetual Trust, organized under the laws of the Commonwealth of Puerto Rico, pursuant to Deed Number five (5) executed January twenty-third (23), nineteen hundred and seventy (1970) before Notary Public Luis Felipe Sánchez Vilella, whose trustees are Thomas Lovejoy Paige, also known as Thomas B. Lovejoy Paige, of legal age, single, executive and resident of Washington, District of Columbia, Arleen Pabón Charneco, of legal age, single, architect and resident of Guaynabo, Puerto Rico, and Kate Donnelly de Romero, also known as Kate Romero, of legal age, married, property owner and resident of Dorado, Puerto Rico, all are hereby represented in this act by the Executive Director of the Puerto Rico Conservation Trust, Francisco Javier Blanco Cestero, also known as Javier Blanco, of legal age, married, architect and resident of San Juan, Puerto Rico; and the U.S. Department of the Interior, acting through the U.S. Fish and Wildlife Service ("USFWS") (hereinafter collectively referred to as "the Parties"), to satisfy the requirements of Section 1508 of P. L. 106-398, The Floyd D. Spence National Defense Authorization Act for Fiscal Year 2001 (Oct. 30, 2000) ("the Spence Act") to include certain lands on the Island of Vieques in a cooperative agreement among the Parties, and to provide general management principles for the protection of those lands and their natural resources.

II. BACKGROUND

WHEREAS, section 1508 (a) (1) of the Spence Act directs the Secretary of the Navy to transfer 3,100 acres of land (described in Attachment A) designated as Conservation Zones in the western end of the Island of Vieques to the administrative jurisdiction of the Secretary of Interior, to be managed as a wildlife refuge under the National Wildlife Refuge System Administration Act of 1966 (16 U.S.C. 663d et seq.) ("Refuge Act"), and pursuant to this Agreement, and

WHEREAS, section 1508 (b) (1) of the Spence Act also directs the Secretary of the Navy to convey to the Trust, without consideration, certain real properties (approximately 800

Parties' Initials:


Trust


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acres, described in Attachment B) that are designated as additional Conservation Zones in the western end of the Island of Vieques and are included in this Agreement; and

WHEREAS, the Spence Act provides that the lands transferred to the administrative jurisdiction of the Secretary of the Interior and those conveyed to the Trust pursuant to section 1508 shall be managed pursuant to a cooperative management agreement among the Parties; and

WHEREAS, the Spence Act requires that all lands covered by the Agreement shall be managed to protect and preserve the natural resources of the lands in perpetuity; and

WHEREAS, the Parties, pursuant to their respective authorities, have the authority to enter into this Agreement to fulfill the purposes and requirements of section 1508 of the Spence Act;

AND WHEREAS, the Secretary of the Department of Natural and Environmental Resources has authority to execute this agreement on behalf of the Commonwealth under Organic Act, Law No. 23 of June 20, 1972, as amended, has authority to establish agreements under Section 155 with United States agencies, and is responsible for implementing the public policy on the conservation and utilization of Puerto Rico's natural resources; the Regional Director of Region 4 of the USFWS, has authority to execute this agreement on behalf of the Secretary of the Interior under authorities delegated through 209 Departmental Manual (D&M) 6.1, 242 DM 1.1, and 031 Fish and Wildlife Manual 2.1; and the Executive Director of the Trust has authority to execute this agreement on behalf of and representing the Trustees of the Trust pursuant to a resolution dated December 8, 2000;

NOW, THEREFORE, the Parties agree upon the terms and conditions as described herein.

III. TERMS AND CONDITIONS

A. The Parties agree to include within this agreement the 3,100 acres of Conservation Zone lands required to be transferred to the administrative jurisdiction of the Secretary of the Interior pursuant to Section 1508(a) of the Spence Act, and agree to include within this agreement the 800 acres of additional Conservation Zone lands to be conveyed to the Trust pursuant to Section 1508(b) of the Spence Act.

Parties' Initials

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B. The lands transferred to the administrative jurisdiction of the Secretary of the Interior shall be administered as a wildlife refuge under the Refuge Act and pursuant to this Agreement and related subsequent agreements among the Parties.

C. The lands conveyed to the Trust shall be managed under standards consistent with the Refuge Act and pursuant to this Agreement and related subsequent agreements among the Parties.

D. As provided in section 1508(d)(3) of the Spence Act, the Sea Grass Area west of Mosquito Pier, as identified in the 1983 Memorandum of Understanding between the Commonwealth of Puerto Rico and the Secretary of the Navy, is also subject to and covered by this Agreement, to be protected under the laws of the United States and the laws of the Commonwealth of Puerto Rico. The Parties agree to further delineate a description of the boundaries of this area in the management plan prepared pursuant to paragraph F.

E. The Parties recognize the natural and cultural importance and sensitivity of the diverse tropical ecosystems located on the western end of Vieques and agree that these must and shall be managed to insure their protection and preservation in perpetuity for the benefit of the general public, and in particular those living on the Island of Vieques.

F. Subject to available funding, and consistent with all applicable federal and Puerto Rico laws, policies and regulations, the Parties agree to prepare within nine (9) months of the effective date of this Agreement, a resource management plan ("management plan") to protect and preserve the diverse coastal, terrestrial, cultural archeological and historic resources of the lands subject to this Agreement. This management plan shall incorporate the requirements of section 1508 of the Spence Act, and shall incorporate, as appropriate, provisions addressing science and research, education, outreach, enforcement, funding, land use, and such other provisions as deemed appropriate by the Parties. With respect to the 3,100 acres transferred to the U.S. Department of the Interior, the management plan will be subject to final review and approval by the USFWS.

G. The management plan shall not require the Trust to permit within any of its properties destructive sampling or research, or any other activities that may contravene the rules, norms, or policies of the Trust, to the extent consistent with section 1508 of the Spence Act.

H. The United States Department of the Interior and the Trust agree to cooperate to provide each other with appropriate, compatible access to the lands that are subject to this Agreement, including visitor access.

Parties' Initials:

Trust

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USFWS

I. Law Enforcement. The USFWS and the DNER agree to cooperate in the enforcement of applicable laws and regulations in furtherance of the purposes of this Agreement.

J. Coordination among the Parties. The Parties agree to meet periodically and not less than three (3) times per year, to discuss the progress and implementation of this Agreement. The meetings shall be set for mutually agreeable times, and an agenda for all meetings circulated in advance.

K. Funding. The Parties agree, consistent with and subject to their own respective budgetary policies and means, to obtain or make available funding to implement this Agreement. The Parties further agree, to the extent appropriate, to cooperate fully in supporting their individual or joint initiatives for obtaining funding for preparation of the management plan. The Parties also agree that the Trust's share of the cost and expense of preparing the management plan shall not exceed an amount proportional to the Trust's acreage included within this Agreement. Nothing in this Agreement shall be construed as obligating funds in violation of the Anti-Deficiency Act, 31 U.S.C. 1341.

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L. Relationship to Other Federal Laws. As provided in the Spence Act, the Commonwealth of Puerto Rico, the Trust, and the Secretary of the Interior shall follow all applicable Federal environmental laws during the creation and any subsequent amendment of this Agreement, including the National Environmental Policy Act of 1969 (42 U.S.C. 4321 et seq.), the Endangered Species Act of 1973 (16 U.S.C. 1531 et seq.), and the National Historic Preservation Act (16 U.S.C. 470 et seq.).

M. Integration and Relationship to Other Agreements. This Agreement integrates all prior discussions among the Parties. This Agreement replaces the "Cooperative Management Agreement between the Commonwealth and the U.S. Fish and Wildlife Service, entered into on November 3, 2000, which shall no longer be effective.

N. Modification of this Agreement. Neither this Cooperative Agreement nor any provisions hereof shall be modified, or amended, except by an instrument in writing signed by the Parties. Modification of this Agreement may be proposed at any time by any party, and upon agreement by all the Parties, shall become effective pursuant to the terms of such modification.

O. Assignment. The Trust may assign its duties and obligations pursuant to this Agreement to an entity or entities controlled by the trustees of the Trust or their designated authorized representatives. Prior to any such assignment, the Trust shall notify the other Parties in writing.

Parties' Initials:


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P. Governing Law. This Agreement shall be enforced and construed according to the laws of the United States and the laws of the Commonwealth of Puerto Rico, as applicable.

Q. Effective Date. This Agreement will become effective upon execution for purposes of satisfying the requirements of Section 1508(b)(2) of the Act, and will become effective for purposes of implementation upon the transfer of the subject lands to the administrative jurisdiction of the Secretary of the Interior and conveyance to the Trust.

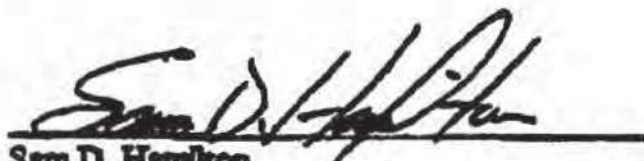


Francisco Javier Blanco
Executive Director
Puerto Rico Conservation Trust

26 / 11 / 01
Date

Carlos Padin
Secretary
Department of Natural and
Environmental Resources
Commonwealth of Puerto Rico

Date



Sam D. Hamilton
Regional Director, Region 4
U.S. Fish and Wildlife Service
U.S. Department of the Interior

4 / 26 / 01
Date

**COOPERATIVE MANAGEMENT AGREEMENT AMONG
THE COMMONWEALTH OF PUERTO RICO,
THE PUERTO RICO CONSERVATION TRUST, AND
THE U.S. DEPARTMENT OF THE INTERIOR
TO MANAGE LANDS ON THE ISLAND OF VIEQUES**

I. PURPOSE

This Cooperative Management Agreement ("Agreement"), is made this 26th day of April, 2001, by and among the Commonwealth of Puerto Rico ("the Commonwealth"), acting through the Department of Natural and Environmental Resources ("DNER"); the Puerto Rico Conservation Trust, also known as the Puerto Rico Conservation Trust Fund ("the Trust"), a charitable non-profit perpetual Trust, organized under the laws of the Commonwealth of Puerto Rico, pursuant to Deed Number five (5) executed January twenty-third (23), nineteen hundred and seventy (1970) before Notary Public Lola Felipe Sánchez Villola, whose trustees are Thomas Lovejoy Feige, also known as Thomas H. Lovejoy Feige, of legal age, single, executive and resident of Washington, District of Columbia, Arleen Padón Charneco, of legal age, single, architect and resident of Guaynabo, Puerto Rico, and Kate Donnelly de Romero, also known as Kate Romero, of legal age, married, property owner and resident of Dorado, Puerto Rico, all are hereby represented in this act by the Executive Director of the Puerto Rico Conservation Trust, Francisco Javier Blanco Castro, also known as Javier Blanco, of legal age, married, architect and resident of San Juan, Puerto Rico; and the U.S. Department of the Interior, acting through the U.S. Fish and Wildlife Service ("USFWS") (hereinafter collectively referred to as "the Parties"), to satisfy the requirements of Section 1508 of P. L. 106-391, The Floyd D. Spence National Defense Authorization Act for Fiscal Year 2001 (Oct. 10, 2000) ("the Spence Act") to include certain lands on the Island of Vieques in a cooperative agreement among the Parties, and to provide general management principles for the protection of those lands and their natural resources.

II. BACKGROUND

WHEREAS, section 1508 (a) (1) of the Spence Act directs the Secretary of the Navy to transfer 3,100 acres of land (described in Attachment A) designated as Conservation Zones in the western end of the Island of Vieques to the administrative jurisdiction of the Secretary of Interior, to be managed as a wildlife refuge under the National Wildlife Refuge System Administration Act of 1966 (16 U.S.C. 663d et seq.) ("Refuge Act"), and pursuant to this Agreement; and

WHEREAS, section 1508 (b) (1) of the Spence Act also directs the Secretary of the Navy to convey to the Trust, without consideration, certain real properties (approximately 800

Parties' Initials:

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acres, described in Attachment B) that are designated as additional Conservation Zones in the western end of the Island of Vieques and are included in this Agreement; and

WHEREAS, the Spence Act provides that the lands transferred to the administrative jurisdiction of the Secretary of the Interior and those conveyed to the Trust pursuant to section 1506 shall be managed pursuant to a cooperative management agreement among the Parties; and

WHEREAS, the Spence Act requires that all lands covered by the Agreement shall be managed to protect and preserve the natural resources of the lands in perpetuity; and

WHEREAS, the Parties, pursuant to their respective authorities, have the authority to enter into this Agreement to fulfill the purposes and requirements of section 1506 of the Spence Act;

AND WHEREAS, the Secretary of the Department of Natural and Environmental Resources has authority to execute this agreement on behalf of the Commonwealth under Organic Act, Law No. 23 of June 20, 1972, as amended, has authority to establish agreements under Section 155 with United States agencies, and is responsible for implementing the public policy on the conservation and utilization of Puerto Rico's natural resources; the Regional Director of Region 4 of the USFWS, has authority to execute this agreement on behalf of the Secretary of the Interior under authorities delegated through 209 Departmental Manual (DM) 6.1, 242 DM 1.1, and 031 Fish and Wildlife Manual 2.1; and the Executive Director of the Trust has authority to execute this agreement on behalf of and representing the Trustees of the Trust pursuant to a resolution dated December 8, 2000;

NOW, THEREFORE, the Parties agree upon the terms and conditions as described herein.

III. TERMS AND CONDITIONS

A. The Parties agree to include within this agreement the 3,100 acres of Conservation Zone lands required to be transferred to the administrative jurisdiction of the Secretary of the Interior pursuant to Section 1506(a) of the Spence Act, and agree to include within this agreement the 800 acres of additional Conservation Zone lands to be conveyed to the Trust pursuant to Section 1506(b) of the Spence Act.

Parties' Initials:

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B. The lands transferred to the administrative jurisdiction of the Secretary of the Interior shall be administered as a wildlife refuge under the Refuge Act and pursuant to this Agreement and related subsequent agreements among the Parties.

C. The lands conveyed to the Trust shall be managed under standards consistent with the Refuge Act and pursuant to this Agreement and related subsequent agreements among the Parties.

D. As provided in section 1508(d)(3) of the Spence Act, the Sea Grass Area west of Mosquito Pier, as identified in the 1983 Memorandum of Understanding between the Commonwealth of Puerto Rico and the Secretary of the Navy is also subject to and covered by this Agreement, to be protected under the laws of the United States and the laws of the Commonwealth of Puerto Rico. The Parties agree to further delineate a description of the boundaries of this area in the management plan prepared pursuant to paragraph F.

E. The Parties recognize the natural and cultural importance and sensitivity of the diverse tropical ecosystems located on the western end of Vieques and agree that these must and shall be managed to insure their protection and preservation in perpetuity for the benefit of the general public, and in particular those living on the Island of Vieques.

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F. Subject to available funding, and consistent with all applicable federal and Puerto Rico laws, policies and regulations, the Parties agree to prepare within nine (9) months of the effective date of this Agreement, a resource management plan ("management plan") to protect and preserve the diverse coastal, terrestrial, cultural archaeological and historic resources of the lands subject to this Agreement. This management plan shall incorporate the requirements of section 1508 of the Spence Act, and shall incorporate, as appropriate, provisions addressing science and research, education, outreach, enforcement, funding, land use, and such other provisions as deemed appropriate by the Parties. With respect to the 3,100 acres transferred to the U.S. Department of the Interior, the management plan will be subject to final review and approval by the USFWS.

G. The management plan shall not require the Trust to permit within any of its properties destructive sampling or research, or any other activities that may contravene the rules, norms, or policies of the Trust, in the strictest consistent with section 1508 of the Spence Act.

II. The United States Department of the Interior and the Trust agree to cooperate to provide each other with appropriate, compatible access to the lands that are subject to this Agreement, including visitor access.

Parties' Initials:

Trust

CHP
DOIA

JM/MLH
USFWS

I. Law Enforcement. The USFWS and the DIER agree to cooperate in the enforcement of applicable laws and regulations in furtherance of the purposes of this Agreement.

J. Coordination among the Parties. The Parties agree to meet periodically and not less than three (3) times per year, to discuss the progress and implementation of this Agreement. The meetings shall be set for mutually agreeable times, and an agenda for all meetings circulated in advance.

K. Funding. The Parties agree, consistent with and subject to their own respective budgetary policies and means, to obtain or make available funding to implement this Agreement. The Parties further agree, to the extent appropriate, to cooperate fully in supporting their individual or joint initiatives for obtaining funding for preparation of the management plan. The Parties also agree that the Trust's share of the cost and expense of preparing the management plan shall not exceed an amount proportional to the Trust's acreage included within this Agreement. Nothing in this Agreement shall be construed as obligating funds in violation of the Anti-Deficiency Act, 31 U.S.C. 1341.

L. Relationship to Other Federal Laws. As provided in the Space Act, the Commonwealth of Puerto Rico, the Trust, and the Secretary of the Interior shall follow all applicable Federal environmental laws during the creation and any subsequent amendment of this Agreement, including the National Environmental Policy Act of 1969 (42 U.S.C. 4321 et seq.), the Endangered Species Act of 1973 (16 U.S.C. 1531 et seq.), and the National Historic Preservation Act (16 U.S.C. 470 et seq.).

M. Integration and Relationship to Other Agreements. This Agreement integrates all prior discussions among the Parties. This Agreement replaces the "Cooperative Management Agreement between the Commonwealth and the U.S. Fish and Wildlife Service, entered into on November 3, 2000, which shall no longer be effective.

N. Modification of this Agreement. Neither this Cooperative Agreement nor any provisions hereof shall be modified, or amended, except by an instrument in writing signed by the Parties. Modification of this Agreement may be proposed at any time by any party, and upon agreement by all the Parties, shall become effective pursuant to the terms of such modification.

O. Assignment. The Trust may assign its duties and obligations pursuant to this Agreement to an entity or entities controlled by the trustees of the Trust or their designated authorized representatives. Prior to any such assignment, the Trust shall notify the Other Parties in writing.

Parties' Initials:

Trust

DIER

USFWS

F. Governing Law. This Agreement shall be enforced and construed according to the laws of the United States and the laws of the Commonwealth of Puerto Rico, as applicable.

Q. Effective Date. This Agreement will become effective upon execution for purposes of satisfying the requirements of Section 1508(b)(2) of the Act, and will become effective for purposes of implementation upon the transfer of the subject lands to the administrative jurisdiction of the Secretary of the Interior and conveyance to the Trust.

Francisco Javier Blanco
Executive Director
Puerto Rico Conservation Trust

Date

in Carlos H. Peña
Carlos Peña
Secretary
Department of Natural and
Environmental Resources
Commonwealth of Puerto Rico

4/20/01
Date

Sam D. Hamilton
Sam D. Hamilton
Regional Director, Region 4
U.S. Fish and Wildlife Service
U.S. Department of the Interior

4/20/01
Date

ATTACHMENT B

Puerto Rico Conservation Trust Fund Parcel (PRCT Parcel)

Parcel of land, made of two portions identified as Parcel A and Parcel B, located in the Wards of Punta Arenas, Mosquito, and Llave, Municipality of Vieques, Puerto Rico, containing 34,847,987 square feet or 800 acres, which equates to 3,237,496.1 square meters or 823.707 cuerdas is described as follows:

Parcel A: A parcel of land located in the Wards of Punta Arenas, Mosquito, and Llave, Municipality of Vieques, Puerto Rico, containing 29,627,762 square feet or 680.160 acres, which equates to 2,752,519.5 square meters or 700.316 cuerdas, bounded on the North, East, and South by lands presently owned by the United States of America and to be conveyed to the Municipality of Vieques pursuant to Public Law 106-398 of October 30, 2000, and on the West by lands of the United States Government, which parcel is more particularly described by metes and bounds as follows:

Beginning at National Geodetic Survey Monument 'FRIO' (PID 9848) in the Punta Arenas Ward, said point being a brass disk stamped PUERTO RICO GPS CONTROL C.R.I.M. FRIO and having a northing of 754,659.1026 and an easting of 953,331.2647 noted as the Point of Beginning on the plat labeled PUERTO RICO CONSERVATION TRUST BOUNDARY.

Thence N67°41'14"E 9540.20' to an iron rod and cap set, the True Point of Beginning, having a northing of 758,281.1736 and an easting of 962,157.1387; thence S89°23'48"E 1937.66' to an iron rod and cap set; thence S47°54'59"E 155.13' to an iron rod and cap set; thence N59°49'59"E 309.71' to an iron rod and cap set; thence N82°16'17"E 100.88' to an iron rod and cap set; thence S80°03'15"E 122.74' to an iron rod and cap set; thence S72°56'47"E 444.17' to an iron rod and cap set; thence S64°31'50"E 52.47' to a concrete monument set, having a northing of 758,151.9788 and an easting of 965,170.4559; thence S51°14'51"E 24.49' to an iron rod and cap set; thence S45°15'43"E 68.57' to an iron rod and cap set; thence S32°19'30"E 144.98' to an iron rod and cap set; thence S11°57'25"E 232.68' to an iron rod and cap set; thence S24°47'42"E 84.41' to an iron rod and cap set; thence S80°25'10"E 149.88' to an iron rod and cap set; thence S70°52'54"E 259.11' to an iron rod and cap set; thence S55°47'16"E 175.57' to an iron rod and cap set; thence S44°53'25"E 171.79' to an iron rod and cap set; thence S48°01'27"E 98.26' to an iron rod and cap set; thence S57°02'17"E 94.45' to an iron rod and cap set; thence S54°07'53"E 135.63' to an iron rod and cap set; thence S47°58'01"E 116.16' to an iron rod and cap set; thence S41°46'28"E 620.72' to an iron rod and cap set; thence S43°07'53"E 310.65' to an iron rod and cap set; thence S51°17'48"E 81.64' to an iron rod and cap set; thence S74°09'53"E 57.50' to an iron rod and cap set; thence N86°17'50"E 70.06' to an iron rod and cap set; thence N42°20'19"E 57.33' to a concrete monument set, having a northing of 756,347.5581 and an easting of 967,260.3822; thence N02°54'10"E 54.17' to an iron rod and cap set; thence N28°27'42"W 195.95' to an iron rod and cap set; thence N16°10'20"W 80.21' to an iron rod and cap set; thence N02°55'52"E 92.03' to an iron rod and cap set; thence N47°24'22"E 86.83' to an iron rod and cap set; thence N83°39'15"E 125.38' to an iron rod and cap set; thence N44°46'30"E 114.02' to an iron rod and cap set; thence N67°38'14"E 67.36' to an iron rod and cap set; thence S79°06'27"E 156.13' to an iron rod and cap set; thence S70°58'50"E 94.64' to an iron rod and cap set; thence S65°36'50"E 282.27' to an iron rod and cap set; thence S71°48'51"E 266.62' to an iron rod and

cap set; thence S72°09'11"E 116.58' to an iron rod and cap set; thence S47°11'47"E 65.99' to an iron rod and cap set; thence S41°29'22"E 127.90' to an iron rod and cap set; thence N89°38'39"E 403.83' to an iron rod and cap set; thence N88°56'01"E 456.85' to an iron rod and cap set; thence S77°37'21"E 110.34' to an iron rod and cap set; thence S51°52'35"E 104.50' to an iron rod and cap set; thence S33°58'28"E 147.86' to an iron rod and cap set; thence S50°37'39"E 118.41' to an iron rod and cap set; thence S74°43'15"E 114.76' to an iron rod and cap set; thence S79°22'32"E 409.84' to an iron rod and cap set; thence S85°21'16"E 82.11' to an iron rod and cap set; thence N82°36'22"E 131.62' to an iron rod and cap set; thence N70°09'11"E 332.17' to an iron rod and cap set; thence N79°02'08"E 77.47' to an iron rod and cap set; thence S70°54'44"E 66.10' to an iron rod and cap set; thence S35°00'49"E 97.40' to an iron rod and cap set; thence S74°27'44"E 130.01' to a concrete monument set, having a northing of 756,106.4799 and an easting of 971,063.2438; thence S68°33'47"E 165.20' to an iron rod and cap set; thence S34°09'10"E 70.63' to an iron rod and cap set; thence S05°21'13"E 130.33' to an iron rod and cap set; thence S41°18'04"E 130.50' to an iron rod and cap set; thence S16°08'53"E 88.04' to an iron rod and cap set; thence S29°09'19"W 145.93' to an iron rod and cap set; thence S12°21'39"W 94.25' to an iron rod and cap set; thence S54°42'20"E 96.83' to an iron rod and cap set; thence S78°59'41"E 134.23' to an iron rod and cap set; thence N82°35'02"E 143.19' to an iron rod and cap set; thence N61°56'17"E 199.60' to an iron rod and cap set; thence N75°39'59"E 64.40' to an iron rod and cap set; thence S45°43'01"E 73.82' to an iron rod and cap set; thence S05°21'57"W 69.41' to an iron rod and cap set; thence S19°33'32"W 160.52' to an iron rod and cap set; thence S38°17'34"E 115.28' to an iron rod and cap set; thence S30°42'17"E 76.56' to an iron rod and cap set; thence S12°36'09"W 65.63' to a concrete monument set, having a northing of 755,010.5019 and an easting of 971,970.5712; thence S33°28'19"W 150.44' to an iron rod and cap set; thence S53°41'09"W 71.19' to an iron rod and cap set; thence S88°29'36"W 71.66' to an iron rod and cap set; thence N67°06'17"W 90.43' to an iron rod and cap set; thence N82°03'52"W 65.54' to an iron rod and cap set; thence S63°11'31"W 55.13' to an iron rod and cap set; thence S25°40'52"W 158.58' to an iron rod and cap set; thence S53°41'01"W 64.67' to an iron rod and cap set; thence S81°27'44"W 341.84' to an iron rod and cap set; thence S58°18'35"W 63.96' to an iron rod and cap set; thence S30°20'11"W 85.14' to an iron rod and cap set; thence S10°13'08"W 278.46' to an iron rod and cap set; thence S31°47'48"W 57.69' to an iron rod and cap set; thence S65°22'10"W 52.43' to a concrete monument set, having a northing of 754,176.3623 and an easting of 970,877.4243; thence N74°45'05"W 80.32' to an iron rod and cap set; thence N36°15'09"W 75.38' to an iron rod and cap set; thence N31°17'57"W 239.71' to an iron rod and cap set; thence N34°31'44"W 184.49' to an iron rod and cap set; thence N37°49'54"W 453.66' to an iron rod and cap set; thence N36°16'36"W 139.76' to an iron rod and cap set; thence N50°12'14"W 84.32' to an iron rod and cap set; thence N69°32'59"W 73.26' to an iron rod and cap set; thence S81°59'42"W 86.21' to a concrete monument set, having a northing of 755,153.6452 and an easting of 969,946.5814; thence S61°00'15"W 150.80' to an iron rod and cap set; thence S78°57'06"W 74.36' to an iron rod and cap set; thence S88°19'05"W 199.33' to an iron rod and cap set; thence S83°14'03"W 130.28' to an iron rod and cap set; thence S67°17'52"W 132.42' to an iron rod and cap set; thence S57°04'25"W 124.99' to an iron rod and cap set; thence S65°58'24"W 103.35' to an iron rod and cap set; thence N76°07'50"W 79.36' to an iron rod and cap set; thence S85°31'17"W 106.19' to an iron rod and cap set; thence S72°48'17"W 982.86' to an iron rod and cap set; thence S69°58'11"W 746.64' to an iron rod and cap set; thence S72°07'19"W 139.53' to an iron rod and cap set; thence S79°27'19"W 345.89' to an iron rod and cap set; thence N85°22'34"W 74.06' to a concrete monument set, having a northing of 754,248.1640 and an easting of 966,721.3901; thence

S54°26'31"W 237.07' to an iron rod and cap set; thence S34°20'09"W 179.27' to an iron rod and cap set; thence S32°28'23"W 134.63' to an iron rod and cap set; thence S23°26'56"W 65.68' to an iron rod and cap set; thence S11°45'01"W 59.49' to an iron rod and cap set; thence S05°26'56"E 108.69' to an iron rod and cap set; thence S06°27'23"E 321.05' to an iron rod and cap set; thence S22°07'47"W 181.83' to an iron rod and cap set; thence S05°27'35"W 149.19' to an iron rod and cap set; thence S08°47'40"W 191.49' to an iron rod and cap set; thence S21°00'20"W 186.71' to an iron rod and cap set; thence S16°44'43"W 185.88' to an iron rod and cap set; thence S06°51'14"W 136.00' to an iron rod and cap set; thence S21°14'01"E 122.25' to an iron rod and cap set; thence S08°36'39"E 136.56' to an iron rod and cap set; thence S49°12'04"E 293.06' to an iron rod and cap set; thence S33°19'05"E 430.20' to an iron rod and cap set; thence S03°37'02"E 86.48' to a concrete monument set, having a northing of 751,423.1838 and an easting of 966,642.9445; thence S64°45'40"W 101.82' to an iron rod and cap set; thence S89°19'20"W 66.62' to an iron rod and cap set; thence N77°37'21"W 60.35' to an iron rod and cap set; thence N67°26'35"W 137.82' to an iron rod and cap set; thence N56°50'50"W 150.91' to an iron rod and cap set; thence N58°43'39"W 244.47' to an iron rod and cap set; thence N59°08'17"W 299.97' to an iron rod and cap set; thence N52°04'37"W 128.50' to an iron rod and cap set; thence N52°12'08"W 180.06' to an iron rod and cap set; thence N74°03'17"W 181.46' to an iron rod and cap set; thence N64°04'05"W 152.35' to an iron rod and cap set; thence N44°51'15"W 106.78' to an iron rod and cap set; thence N49°21'53"W 209.70' to an iron rod and cap set; thence N59°50'36"W 60.64' to an iron rod and cap set; thence N63°34'34"W 100.65' to an iron rod and cap set; thence N50°46'52"W 128.40' to an iron rod and cap set; thence S85°59'08"W 69.55' to an iron rod and cap set; thence N79°28'21"W 95.26' to an iron rod and cap set; thence N65°19'39"W 89.55' to an iron rod and cap set; thence N27°41'40"W 417.42' to an iron rod and cap set; thence N22°16'59"W 111.86' to an iron rod and cap set; thence N23°51'34"W 253.24' to an iron rod and cap set; thence N32°51'24"W 325.01' to an iron rod and cap set; thence N31°17'54"W 177.07' to an iron rod and cap set; thence N34°03'33"W 318.40' to an iron rod and cap set; thence N31°43'49"W 283.55' to an iron rod and cap set; thence N40°51'57"W 319.25' to an iron rod and cap set; thence N54°14'02"W 270.56' to an iron rod and cap set; thence N59°23'30"W 200.67' to an iron rod and cap set; thence N55°15'19"W 138.79' to an iron rod and cap set; thence N58°06'12"W 157.93' to an iron rod and cap set; thence N56°13'57"W 183.47' to an iron rod and cap set; thence N64°38'51"W 110.58' to an iron rod and cap set; thence N67°45'16"W 187.16' to an iron rod and cap set; thence N70°55'49"W 99.24' to an iron rod and cap set; thence N79°47'59"W 179.26' to an iron rod and cap set; thence N68°03'49"W 151.31' to an iron rod and cap set; thence N77°00'08"W 182.56' to an iron rod and cap set; thence following a curve to an iron rod and cap set with a long chord 166.66', chord bearing of N07°16'40"E, Radius=325.00', ArcLen=168.54'; thence following a curve to an iron rod and cap set with a long chord 200.96', chord bearing of N26°23'46"E, Radius=1352.00', ArcLen=201.15'; thence N30°39'30"E 157.24' to an iron rod and cap set; thence following a curve to an iron rod and cap set with a long chord 18.39', chord bearing of N31°39'44"E, Radius=525.00', ArcLen=18.39'; thence N32°39'58"E 221.74' to an iron rod and cap set; thence S52°38'33"E 50.17' to a concrete monument set, having a northing of 755,865.1991 and an easting of 961,991.0745; thence N32°39'58"E 130.66' to an iron rod and cap set; thence following a curve to an iron rod and cap set with a long chord 17.40', chord bearing of N31°43'38"E, Radius=525.00', ArcLen=17.41'; thence N30°45'59"E 432.29' to an iron rod and cap set; thence following a curve to an iron rod and cap set with a long chord 11.32', chord bearing of N31°28'57"E, Radius=475.00', ArcLen=11.32'; thence N32°07'54"E 406.25' to an iron rod and cap set; thence following a curve to an iron rod and cap set with a long chord 214.73', chord bearing of

N27°48'38"E, Radius=1425.00', ArcLen=214.94'; thence following a curve to an iron rod and cap set with a long chord 279.26', chord bearing of N00°19'41"E, Radius=355.00', ArcLen=287.01'; thence N22°50'00"W 800.52' to a concrete monument set, having a northing of 757,922.1025 and an easting of 962,304.9974; thence continuing N22°50'00"W 371.07' to an iron rod and cap set; thence following a curve to an iron rod and cap set, the True Point of Beginning, with a long chord 17.51', chord bearing of N12°44'57"W, Radius=50.00', ArcLen=17.60'.

Parcel B: A parcel of land located in the Ward of Llave, Municipality of Vieques, Puerto Rico, containing 5,220,225 square feet or 119.840 acres, which equates to 484,976.6 square meters or 123.391 cuerdas to the approximate edge of the water, bounded on the North by lands belonging to the United States of America to be conveyed to the Municipality of Vieques pursuant to Public Law 106-398 of October 30, 2000, on the East and West by lands of the United States Government, and on the South by the Caribbean Sea, more particularly described by notes and bounds as follows:

Beginning at a concrete monument in the Llave Ward, said concrete monument being stamped 'V1' and having a northing of 753,134.1705 and an easting of 975,319.7511 noted as the Point of Beginning '2' on the plat labeled D.O.L/P.R.C.T. BOUNDARY & 50' I/E EASEMENT. Thence S67°33'56"W 4772.98' to an iron rod and cap set, the True Point of Beginning 'B', having a northing of 751,312.6675 and an easting of 970,908.0050:

Thence S88°30'56"E 619.49' to a concrete monument set, having a northing of 751,296.6207 and an easting of 971,527.2890; thence N84°16'44"E 22.91' to an iron rod and cap set; thence S05°59'09"W 69.89' to an iron rod and cap set; thence S05°59'28"E 101.90' to an iron rod and cap set; thence S18°13'21"E 83.61' to an iron rod and cap set; thence S12°36'26"E 111.28' to an iron rod and cap set; thence S12°14'27"E 231.09' to an iron rod and cap set; thence S21°04'55"E 199.90' to an iron rod and cap set; thence S34°30'45"E 86.99' to an iron rod and cap set; thence S48°00'59"E 106.18' to an iron rod and cap set; thence S55°31'15"E 124.24' to an iron rod and cap set; thence S48°11'28"E 154.45' to an iron rod and cap set; thence S65°28'57"E 117.38' to an iron rod and cap set; thence S47°38'47"E 180.25' to an iron rod and cap set; thence S39°22'29"E 62.73' to an iron rod and cap set; thence S36°19'05"E 402.83' to an iron rod and cap set; thence S25°51'07"E 74.75' to an iron rod and cap set; thence S10°11'30"E 92.27' to an iron rod and cap set; thence S00°13'36"E 61.76' to an iron rod and cap set; thence S02°39'23"W 245.30' to an iron rod and cap set; thence S03°58'48"E 93.43' to an iron rod and cap set; thence S05°33'56"E 224.30' to an iron rod and cap set; thence S24°50'22"E 53.12' to an iron rod and cap set; thence due South 788.93' to an iron rod and cap set; thence continuing due South 100.00' to an iron rod and cap set on the approximate edge of water of the Caribbean Sea; thence S55°51'29"W 878.25' on a tie line along the approximate edge of water of said Caribbean Sea to an iron rod and cap set; thence departing the approximate edge of water of said Caribbean Sea N43°10'27"W 120.00' to an iron rod and cap set; thence continuing N43°10'27"W 1880.01' to an iron rod and cap set; thence N07°44'48"E 2419.10' to an iron rod and cap set, the True Point of Beginning 'B'.

289398.1